PARTNER
Engineering and Science, Inc.®

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

14800 West Schulte Road
14800 West Schulte Road
Tracy, California 95377

July 18, 2018
Partner Project No. 18-217440.2

Prepared for:

LBA Realty, LLC
3347 Michelson Drive, Suite 200
Irvine, California 92612

PARTNER
Engineering and Science, Inc.

July 18, 2018

Mr. Michael Tonkonogy
LBA Realty, LLC
3347 Michelson Drive, Suite 200
Irvine, California 92612

Subject: Phase I Environmental Site Assessment
14800 West Schulte Road
Tracy, California 95377
Partner Project No. 18-217440.2
Authorization PO: PARTBM

Dear Mr. Tonkonogy:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in general conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

The Phase I Environmental Site Assessment is designed to provide you with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property. This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to LBA Realty, LLC. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (310) 622-8855.

Sincerely,

DB Stott

Debbie Stott, P.G.
Principal

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 14800 West Schulte Road, Tracy area, San Joaquin County, California (the "subject property"). The Scope of Services performed is in accordance with the contract between LBA Realty, LLC (LBA) and Partner dated October 14, 2013.

Property Description

The subject property is located on the south side of West Schulte Road, west of South Lammers Road, within a mixed agricultural and commercial/industrial area of San Joaquin County, California. Please refer to the table below for further description of the subject property:

Subject Property Data	
Address:	14800 West Schulte Road, Tracy, CA 95377
Property Use:	Biomass Plant
Land Acreage (Ac):	Approximately 38 Ac
Number of Buildings:	5
Number of Floors:	1
Date of Construction:	1988-1990
Assessor's Parcel Number (APN):	209-240-230-000
Current Tenants:	Greenleaf Power
Zoning:	Industrial
Site Assessment Performed By:	Nate Maroon of Partner
Site Assessment Conducted On:	June 26, 2018

The subject property consists of one parcel of land comprising approximately 38 acres located on the south side of West Schulte Road within a mixed agricultural and commercial/industrial area of San Joaquin County, California. The structures will be demolished and the site re-developed with a warehouse. The subject property is currently developed with an inactive biomass energy plant, which was constructed in 1988-1990. The facility was most recently operated by Greenleaf Power until 2014. Onsite structures included a Control and Maintenance Building, a Storage Building, a separate building for emission controls (COMS & CEMs Room), a Fire Pump House, and an office trailer. In addition to the industrial structures, the subject property is also improved with above ground storage tanks (ASTs), an above ground oil/water separator, two water wells, two in ground hydraulic lifts, a septic system, a cooling tower, a boiler, turbine area, a weigh station, parking areas, a tipping station, a wood-fuel storage area, an ash storage area, several stormwater retention ponds, an electrical substation, and hazardous materials/wastes storage areas. Access to the subject property is via entrance driveway on the east side of the subject property, south of Schulte Road.

Partner observed hazardous substances including used oil filters, cleaning supplies and general maintenance products stored in 55-gallon drums at the subject property. No signs of leaks, stains, or

spills was observed. No evidence of underground storage tanks (USTs) such as fill ports, piping, or vent pipes was observed or reported onsite. Numerous ASTs) have been identified at or previously located onsite. Most of the tanks were emptied in 2014. The ASTs include:

- A 12,500-gallon metal AST for Ammonium Hydroxide (25%) located west of the Cooling Tower
- A 32,000 lbs Cylindrical Silo for Calcium Hydroxide located West of Boiler
- A 300-gallon metal AST for Diesel Fuel located Inside Fire Pump House
- A 4,500-gallon metal AST for Diesel Fuel located South of Fire Pump House
- 87,000 lbs cylindrical silo for Sodium Carbonate located West of Boiler
- A 1,050-gallon plastic AST for Sodium Hypochlorite East of Cooling Tower
- A 5,000-gallon plastic AST for Sulfuric Acid South of Cooling Tower
- A 60,000-gallon metal AST for Water South of Fire Pump House
- A 10,000-gallon metal AST for Water West of Boiler
- Metal AST (volume unknown) for Filtomat Residue South of Cooling Tower
- Two empty plastic ASTs (approximately 1,000-gallon volume) were observed at the south side of the cooling tower and were no longer in use.
- A 2,000-gallon AST of sulfuric acid was removed from the property in August of 2008. According to San Joaquin County Environmental Health Department (SJCEHD) records, sulfuric acid had leaked from the AST, breached the concrete secondary containment and impacted the soil. The leak was due to corrosion at the bottom of the tank, which then caused the acid to corrode the concrete secondary containment. Impact to soil was localized to the area beneath the tank. The tank was removed from the property and impacted soil was removed. SJCEHD inspection notes dated September 8, 2008 stated that soil pH was tested down to 20 feet below ground surface (bgs) found no impact from sulfuric acid.

Two water supply wells are located at the southeastern area of the subject property in the vicinity of the water storage tank and fire pump house. The wells pump groundwater to the water tank and the non-potable water was used for facility operations and fire suppression purposes. According to a previous 2006 LFR Phase I ESA, the wells are 350 feet deep and 342 feet deep and were installed for industrial water use.

Subsurface drains observed in the general operations area (boiler and turbine areas) are connected to the above ground oil-water separator located northwest of the Control and Maintenance Building.

A hydraulic lift station, consisting of two below ground hydraulic lifts, was used for truck tipping to unload wood fuel deliveries. The lifts are located west of the weigh station on the north central portion of the subject property.

Stormwater runoff was maintained on-site through a system of stormwater drainage swales located throughout the property and three stormwater retention ponds located at the northern portion of the subject property. At the time of the Partner site visit, the stormwater retention ponds were dry, but the shallow soil appeared moist.

The facility is not connected to a municipal sewer system and all sanitary waste discharged to an on-site underground septic tank. A domestic septic system is located north of the Control and Maintenance

Building. According to previous reports and SJCDEH, the septic system was permitted and was located approximately 65 feet off the northeast corner of the Control and Maintenance Building. This septic system was installed in 1988 to serve the restroom facilities within the warehouse building. The permit indicates that the system consists of a 1,200-gallon dual compartment pre-cast tank that is connected to a seepage pit located more than 100 feet north of the tank. Dimensions of the seepage pit are listed as 6 by 10 by 10 feet deep.

In 2012 and 2014, TRC Solutions, Inc. (TRC) prepared Phase I ESAs and a Phase II for the subject property. At the time of site assessments, the biomass power plant was operating. The facility had operated on-site since April 1990. On-site structures and features included a Control and Maintenance Building, a Storage Building, a separate building for emission controls (COMS & CEMs Room), a Fire Pump House, an office trailer where water samples are tested, a cooling tower, a boiler, turbine area, a weigh station, parking areas, a tipping station, a wood-fuel storage area, an ash storage area, several stormwater retention ponds, and an electrical substation.

- Site operations included electric power generation (by a steam powered turbine generator), receiving, storage and shipment activities, and equipment operations and maintenance activities. Raw materials include: boiler fuel (agricultural and urban wood waste), chemicals (e.g. ammonia, sulfuric acid, and sodium bicarbonate) for facility operations, and petroleum hydrocarbons (e.g. diesel fuel, motor oils and hydraulic oils) for equipment operations.
- The steam used to power the turbine was created by a boiler which was fueled by agricultural and urban wood wastes. Groundwater pumped from the on-site wells was used to generate the steam that powers the turbine, to drive the electrical generator. The electrical output was transferred to the on-site electrical substation operated by Pacific Gas and Electric (PG&E), located northeast of the Control and Maintenance Building.
- A fire suppression system for the wood fuel was located at the wood-fuel storage area. Water used for fire suppression was supplied by two on-site water wells located east of the Fire Pump House. Water for fire suppression was stored in a large 60,000-gallon water tank located south of the Fire Pump House.
- Bottom ash and fly ash were formerly generated from boiler operations. Ash was transferred to the ash storage area at the southeastern area of the property where bottom ash was stockpiled and stored separately from fly ash. Bottom ash had been found to contain heavy metals, with arsenic and lead being the primary metals of concern.
- TRC reviewed a 2006 Phase I ESA and Phase II ESA prepared by LFR Levine Fricke (LFR). Several RECs were identified in LFR's Phase I ESA report and included: observed minor release of hydraulic oil; observed minor release of phosphoric acid from a leaking container; unpaved fueling station; storage of arsenic containing ash on unlined areas of the facility; the possibility of the presence of herbicides and pesticides from historical agricultural uses of the property; observed storage of chemical materials without secondary containment, with observed staining in storage areas; and unknown condition of the oil-water separator.

- LFR's 2006 Phase II ESA investigation was conducted to assess the shallow subsurface condition of the property in accordance with the findings of their Phase I ESA. A total of 34 shallow (0 to 5 feet bgs) soil samples were collected. Soil samples were collected from test pits where ash was stored, select operational areas, and surface water runoff control areas. Surface water samples were also collected from the stormwater retention pond, which contained water at the time of the investigation. Samples were tested for the presence of metals, hydrocarbons, semi-volatile organic compounds (SVOCs), volatile organic compounds (VOCs), pesticides, herbicides, dioxins, and furans. Sample results were compared to applicable environmental screening levels (ESLs).
- Several RECs were identified in LFR's Phase II ESA report and included:
    - Concentrations of arsenic were detected above screening criteria in samples of ash used as fill near the ash storage area, but LFR concluded the arsenic likely did not leach to soil at depths of approximately 1 feet below the ash layer. Arsenic concentrations were not reported.
    - Soil near the hydraulic lifts used for truck tipping were found to be impacted by hydraulic oil. LFR recommend ed that the hydraulic lifts be repaired and inspected.
    - Total petroleum hydrocarbons in the diesel range (TPHd) were detected above the Environmental Screening Level (ESL) in a soil sample (SSS-24) collected from the Plant Area, but no further recommendations were made to address the finding.
    - Arsenic was detected above the calculated background concentration in a surface soil sample (SSS-14) collected from a drainage swale along the western border of the property. LFR recommended that the extent of ash, which was thought to be the likely source, be further evaluated.
    - Arsenic, thallium, bis(2-ethylhexyl)phthalate and TPHd were detected in a surface water sample collected from the stormwater retention pond. All detected concentrations, except for bis(2-ethylhexyl)phthalate, were found to be below ESLs for Freshwater Habitat Goals. Bis(2-ethylhexyl)phthalate was detected above the ESL of 32 micrograms per liter (µg/L) in two surface water samples collected from the stormwater retention pond. However, LFR did not make further recommendations.

On February 14, 2013, TRC collected soil samples from four areas of the subject property identified as: Construction Soil Stockpiles, Fly Ash Storage Pile Sample, Bottom Ash Storage Pile Sample, and White Powder Residue Sample.

Construction stockpile soil samples (SP-1 through SP-7) were collected with a hand auger at a depth of approximately 2.5 feet bgs and analyzed for CAM 17 metals, pesticides, hydrocarbons, volatiles, and a composited sample for dioxins and furans. Sample SP-7 exceeded ten times the Soluble Threshold Limit Concentration (STLC) values for several metals. An STLC Citrate extraction test was run to assess whether this material would be classified as hazardous waste if disposal was needed to allow for future site development. These STLC results did not indicate that the material would be hazardous.

A composited sample (SP-1,2,3,4,5,6,7) was analyzed for dioxins and furans. Because dioxins and furans refer to such a broad class of compounds that vary widely in toxicity, the concept of toxic equivalence (TEQ) has been developed to facilitate risk assessment and regulatory control. Toxic equivalence factors (TEFs) exist for seven congeners of dioxins, and ten furans. The reference congener is the most toxic dioxin 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) which per definition has a TEF of one. The total dioxin/furan TEQ was 1.3 picograms/grams (pg/g). This value was below DTSC's remedial goal of 200 pg/g for commercial/industrial sites

A field-composited fly ash storage pile soil sample (Fly Ash-1) was collected and analyzed for CAM 17 metals and dioxins/furans. Because the lead concentration (73 milligrams per kilograms (mg/kg)) for Sample Fly-Ash-1 exceeded ten times the STLC value for lead, an STLC Citrate extraction test was run to assess whether this material would be classified as hazardous waste if disposal was needed to allow for future site development. These STLC results did not indicate the material would be hazardous. The total dioxin/furan TEQ was 110 pg/g. This value was below 200 pg/g for commercial/industrial sites.

A field-composited bottom ash storage pile soil sample (Bottom Ash-1) was collected and analyzed for CAM 17 metals and dioxins/furans. The metal results did not indicate potential hazardous characteristics. Sample Bottom Ash -1 was analyzed for dioxins/furans and the total dioxin/furan TEQ was 0.96 pg/g. This value was below DTSC's remedial goal of 200 pg/g for commercial/industrial sites.

A white powdery residue was observed in the soil near the sulfuric acid and filtomat residue ASTs south of the cooling towers. Field-composited soil sample WR was collected and analyzed for CAM 17 metals and acidity.

Because the chromium concentration (64 mg/kg) and lead concentration (73 mg/kg) for sample WR exceeded ten times the STLC values for these metals, an STLC Citrate extraction test was run to assess if this soil might be hazardous if removal and disposal of this material was needed to allow for future site development. These STLC results did not indicate the material would be hazardous. The results of the acidity test were non-detect. TRC observed in the field that the white powder which was sampled was not unique to the sample area. TRC concluded that the powder could be a mineral residue from dust suppression activities which involves spraying water in dusty areas.

A northwest-southeast trending Pacific Gas & Electric (PG&E) owned gas pipeline was observed to traverse the southwestern portion of the subject property and in historical aerial photographs. No leaks or unusual odors were detected during the site reconnaissance. The pipeline is reported to have been installed as early as the 1940s. The TRC 2014 ESA indicated that the City of Tracy Fire Department reported no incidents, breaks or releases for the portion of the pipeline associated with the subject property. In addition, a sewer line reportedly crosses a portion of the subject property. Partner has not been able to document the location of the sewer line reported by TRC.

According to a review of historical information reviewed by Partner, the subject property consisted of vacant land from at least 1916 until 1937. By 1940 to at least 1982, the subject property is agriculturally developed. In 1988-1990, the subject property was developed with existing biomass plant and associated structures.

The current agency database report obtained from Environmental Data Resources, Inc. (EDR) identified the subject property as:

- Thermal Energy Development (EDR Map ID: A1, A2, A4, A5, A7, A9, A12, A13) is identified on the FINDS, EMI, NPDES, CIWQS, CERS, CERS Haz Waste, CERS Tanks, AST, and HAZNET databases. The facility is identified on the HAZNET database for generating state-regulated wastes including "unspecified oil-containing waste, other inorganic solid waste, liquids with pH <= 2, fly ash, bottom ash and retort ash, other organic solids, Laboratory waste chemicals, waste oil and mixed oil, oil/water separation sludge, oxygenated solvents, and off-specification, aged, or surplus organics" that were manifested for off-site disposal between 2008 and 2016. Violations (listed as informal) are listed on the AIRS database.
- Tracy Biomass Plant (EDR Map ID: A3, A10, A11) is identified on the SWEEPS UST, FINDS, CERS, and RMP, and ECHO databases. U.S. EPA Risk Management Plan (RMP) database listed the facility as "Other Electric Power Generation." The CERS listing is associated with wastewater discharge requirements.
- Tracy Operators (EDR Map ID: A6, A8), is identified on the EMI and HAZNET databases. The facility is identified on the HAZNET database for generating state-regulated wastes including "unspecified oil-containing waste, other organic solids, waste oil and mixed oil, unspecified organic liquid mixture, other inorganic solid waste, and off-specification, aged, or surplus organics" that were manifested for off-site disposal between 1993 and 2006. The facility is shown as having emitted several tons per year of organic gases, carbon monoxide, oxides of nitrogen (NOx), oxides of sulphur (SOx), and particulate matter less than or equal to 10 micrometers (PM10) since 1990.

These listings are consistent with the known use and information reviewed.

The subject property is located within an agricultural and commercial/industrial area of Tracy, California. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately surrounding properties

North:	West Schulte Road, followed by agriculturally developed land.
East	An access driveway, followed by agriculturally developed land.
South:	Owens-Brockway Glass Container (14700 West Schulte Road).
West:	A new commercial building under construction (14900 West Schulte Road), followed by an access driveway and agriculturally developed land.

No potential vapor intrusion concerns were identified onsite nor from offsite facilities.

Information specific to the subject property regarding the depth to groundwater and direction of groundwater flow was not available for the subject site. Groundwater was not encountered during the Partner Phase II Subsurface Investigation being conducted concurrently with this ESA. Based on groundwater monitoring conducted in 2017 at the south adjacent Owens-Brockway Glass facility,

groundwater was measured to be between 62 and 71 feet below ground surface (bgs) and generally flows to the northeast.

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment.

- Partner did not identify recognized environmental conditions during the course of this assessment.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- A 2,000-gallon AST of sulfuric acid was removed from the property in August of 2008. According to SJCEHD records, the tank and impacted soil were removed from the property. SJCEHD inspection notes dated September 8, 2008 stated that soil pH was tested down to 20 feet bgs found no impact from sulfuric acid.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- In June 2018 Partner conducted soil sampling from 12 borings in areas of concern throughout the subject property. These included the OWS, drum, bucket, and scrap metal storage areas, ash piles, hydraulic lifts, storm water retention pond, and soil stockpile. Based on the results, Partner concluded there is evidence of various metals present in shallow soil beneath the subject property (Subsurface Investigation results are attached as an Appendix). Only arsenic exceeded both the commercial ESL of 0.31 mg/kg and the background concentration of 12 mg/kg.
- The constituents of the ash pile may be considered hazardous if it is moved offsite. If feasible, the soil in this area could be mixed with onsite soil and reused onsite. and may be classified as

hazardous if off-site disposal is required during future redevelopment activities. This data and conclusion is consistent with that suggested by LFR in 2014.

- Residual TPH-d and TPH-mo were detected in soil beneath the subject property; however, these detections are below regulatory screening criteria and therefore do not appear to represent a significant threat to human health or the environment. VOCs were not detected in soil, indicating vapor intrusion does not appear to be a concern at the subject property at this time.
- Based on the results, there is evidence of various metals impacts to shallow soil beneath the subject property. Based on available data, none of the detected metals exceed California CCR Title 22 criteria indicating that the soil would be considered a hazardous waste. However, if the soil is to be moved offsite, additional sampling would be required to confirm whether the soil meets criteria acceptable for reuse or requires special handling and disposal. There are no issues that would require remediation. The constituents of the ash pile may be considered hazardous if it is moved offsite. If feasible, the soil in this area could be mixed with onsite soil and reused onsite.
- A domestic septic system was installed in 1988 to serve the restroom facilities within the warehouse building. The septic system should be abandoned and removed under applicable local requirements as part of future demolition activities.
- Two industrial water wells are located on the eastern boundary of the subject property. These wells can remain in place.
- Suspect ACMs needs to be sampled to confirm the presence or absence of asbestos prior to any demolition activities.
- Transite (asbestos) piping may be present in buildings and underground pipelines and should be removed if encountered.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 and LBA Realty, LLC of 14800 West Schulte Road, San Joaquin County, Tracy area, California (the "subject property"). Any exceptions to or deletions from this practice are described in Section 1.5 of this report.

This assessment has not revealed evidence of recognized environmental conditions. Environmental issues were identified.

Based on the conclusions of this assessment and the Phase II, Partner recommends no further investigation with respect to the former on-site operations or soil conditions at this time. However, Partner recommends the implementation of a soil management plan (SMP) to be used during future redevelopment activities so that potentially encountered impacted soils are handled correctly and transported to an appropriate disposal facility, if needed.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 14800 West Schulte Road, Tracy area, San Joaquin County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E-1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances.

This ESA was performed to permit the User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "landowner liability protections," or "LLPs"). ASTM Standard E-1527-13 constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

In order to qualify for one of the *LLPs* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiry* is not complete. The user is asked to provide information or knowledge of the following:

- Environmental cleanup liens that are filed or recorded against the site.
- Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry.
- Specialized knowledge or experience of the person seeking to qualify for the LLPs.
- Relationship of the purchase price to the fair market value of the *property* if it were not contaminated.
- Commonly known or *reasonably ascertainable* information about the *property*.
- The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate assessment.
- The reason for preparation of this Phase I ESA.

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

1.2 Scope of Work

The scope of work for this ESA is in general accordance with the requirements of ASTM Standard E 1527-13 and the contract between LBA Realty and Partner dated October 14, 2013.

This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to request for review records of current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property.

Partner researched information on the presence of activity and use limitations (AULs) at the appropriate agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), microbial growth, and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

Reliance on this report by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the Master Services Agreement (MSA) dated October 14, 2013 between Partner Engineering and Science, Inc. and LBA Realty, LLC and its assigns.

This report has been prepared for use by LBA and its lender and shall not be relied upon by or transferred to any other party, or used for any other purpose, without the express written authorization of Partner Engineering and Science, Inc.

1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment. Partner was allowed access to all areas of the property.
- An environmental cleanup lien search was not performed. However, it is Partner's opinion that the lack of the lien search does not represent a significant data gap, in that it does not impact Partner's ability to identify recognized environmental conditions at the subject property and therefore it does not alter the conclusions of this report. According to the Title Commitment and EDR Report, NPL (Superfund) and other environmental liens are not associated with the subject property. A title report provided by LBA did not indicate environmental liens filed against the property. Based on available information, no environmental liens appear to be associated with the subject property.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 14800 West Schulte Road, Tracy, California is located on the south side of West Schulte Road, west of South Lammers Road. According to the San Joaquin County Assessor, the subject property is identified by Assessor's Parcel Number (APN): 209-240-230-000, and ownership is currently vested in Thermal Energy Partnership LP.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property consists of one parcel of land comprising approximately 38 acres located on the south side of West Schulte Road within a mixed agricultural and commercial/industrial area of San Joaquin County, California. The subject property is currently developed with an inactive biomass energy plant, which was constructed in 1988-1990. The facility was most recently operated by Greenleaf Power until 2014. Onsite structures included a Control and Maintenance Building, a Storage Building, a separate building for emission controls (COMS & CEMs Room), a Fire Pump House, and an office trailer. In addition to the industrial structures, the subject property is also improved with ASTs, an above ground oil/water separator, two water wells, two below ground hydraulic lifts, a septic system, a cooling tower, a boiler, turbine area, a weigh station, parking areas, a tipping station, a wood-fuel storage area, an ash storage area, several stormwater retention ponds, an electrical substation, and hazardous materials/wastes storage areas. Access to the subject property is via entrance driveway on the east side of the subject property, south of Schulte Road.

2.3 Current Use of Adjacent Properties

The subject property is located within an agricultural and commercial/industrial area of Tracy, California. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately surrounding properties

North:	West Schulte Road, followed by agriculturally developed land.
East	An access driveway, followed by agriculturally developed land.
South:	Owens-Brockway Glass Container (14700 West Schulte Road).
West:	A new commercial building under construction (14900 West Schulte Road), followed by an access driveway and agriculturally developed land.

2.4 Physical Setting Sources

2.4.1 Topography

Topographic map coverage is provided by the U.S. Geological Survey (USGS), 7.5-minute "*Tracy, California*" quadrangle map dated 2012. The subject property lies at an approximate elevation of 127 feet above mean sea level (msl) with a local topographic gradient toward the northeast.

Please refer to Figure 3: Topographic Map.

2.4.2 Hydrology

Information specific to the subject property regarding the depth to groundwater and direction of groundwater flow was not available for the subject site. Based on groundwater monitoring conducted in 2017 at the adjacent to the south Owens-Brockway Glass facility groundwater was measured to be between 62 and 71 feet below ground surface (bgs) and generally flows to the northeast.

The nearest surface water in the vicinity of the subject property is the Delta-Mendota Canal (with levee) located approximately 0.5-mile southwest of the subject property. Three stormwater retention ponds are located on the northern portion of the subject property.

2.4.3 Geology/Soils

The subject property is located within the Great Valley geomorphic province of northern California. The Great Valley is an alluvial plain about 50 miles wide and 400 miles long in the central part of California. Its northern part is the Sacramento Valley, drained by the Sacramento River and its southern part is the San Joaquin Valley drained by the San Joaquin River. The Great Valley is a trough in which sediments have been deposited almost continuously since the Jurassic (about 160 million years ago). In the Sacramento Valley, the Sutter Buttes, the remnants of an isolated Pliocene volcano, rise above the valley floor.

Based on borings advanced during the July 2018 Partner Phase II Subsurface Investigation, the underlying subsurface consists predominantly of silt, sandy silt, and clayey silt from the ground surface to approximately 12 feet below ground surface (bgs) (Partner, July 3, 2018).

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06077C0730F, dated October 16, 2009, the subject property appears to be located in Zone X, an area located outside of the 100-year and 500-year flood plains.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. Information regarding past land use was obtained by a review of historical aerial photographs, historical Sanborn Fire Insurance maps, city directories, historical topographic maps, and previous reports of the subject property and surrounding area obtained from Environmental Data Resources (EDR). Copies of the historical resources are included in Appendix B. EDR reported that Sanborn™ Fire Insurance Maps were not available for the subject property. A chronological listing of the historical data found is summarized in the table below.

Date	Scale or Address	Source	Summary
1916, 1922, 1942, 1947	1:24,000; 1:31,680	Topographic Map	The subject property and immediately surrounding area are depicted as vacant land. A natural southwest-northeast drainage pattern appears to cross the subject property. Schulte Road is located adjacent to the north.
1937	1"=500'	Aerial Photograph	The subject property and adjacent properties to the west, east, and south appear to be vacant land. A natural southwest-northeast drainage pattern appears to cross the subject property. The 1937 aerial photo shows the northwest-southeast trending trace of the underground pipeline depicted in the 1953-1981 topographic maps. Schulte Road is located adjacent to the north.
1940, 1949, 1957, 1963, 1968, 1967, 1975, 1982	1"=500'	Aerial Photograph	The subject property and adjacent properties to the east, south, north and west appear to be agricultural developed land. The 1940-1975 aerial photos depict the northwest-southeast trending trace of the underground pipeline depicted in the 1953-1981 topographic maps. Schulte Road is located adjacent to the north. By 1963, Owen Illinois Glass is located to the south. A small structure is visible on the northeast corner of the subject property, adjacent to Schulte Road in the 1963 to 1982 aerial photographs.
1953/1954, 1968,	1:24,000;	Topographic	The subject property and adjacent properties to the west, east, and south appear to be vacant

Date	Scale or Address	Source	Summary
1980/1981	1:31,680	map	land. A northwest-southeast trending pipeline is depicted in the 1953-1981 topographic maps. Schulte Road is located adjacent to the north. By 1968, a small structure is located on the northeast corner of the subject property. The Owen Illinois Glass plant is depicted to the south of the subject property.
1975-1985	14800 West Schulte Road	City Directories	No listings
1988-1990	14800 West Schulte Road	Previous Report	Biomass plant constructed on-site.
1992-2005	14800 West Schulte Road	City Directories	Tracy Operators
1993-2016	1"=500'	Aerial Photograph	The subject property is developed with existing biomass plant and associated structures. Schulte Road is located adjacent to the north. Adjacent properties consist of agriculturally developed land to the north, east and west; and Owen Illinois Glass to the south.
2010-2018	14800 West Schulte Road	City Directories, Site Visit	Thermal Energy Development Partners LP
2012	1:24,000	Topographic map	A percolation pond is depicted on the northeast corner of the subject property.

According to a review of historical information, the subject property consisted of vacant land from at least 1916 until 1937. By 1940 to at least 1982, the subject property is agriculturally developed. In 1988-1990, the subject property was developed with existing biomass plant and associated structures.

Common agricultural practices can result in residual concentrations of fertilizers, pesticides or herbicides in near-surface soil, though not generally at concentrations that pose a significant health risk. It is Partner's opinion that, since the majority of the subject property has been graded, redeveloped, and paved, remaining pesticide or herbicide residues, if any, are likely to have been dispersed during these construction activities

and are therefore unlikely to impact human health or the environment. Accordingly, no further investigation is recommended regarding residual pesticides.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 Health Department

Regulatory Agency Data	
Name of Agency:	San Joaquin County Environmental Health Department (SJCEHD)
Point of Contact:	Not provided
Agency Address:	1868 East Hazelton Avenue, Stockton, California
Agency Phone Number:	(209) 468-3420
Date of Contact:	June 26, 2018
Method of Communication:	Faxed Request
Summary of Communication:	

As discussed in Section 5.2.6, SJCEHD has records for the two onsite wells and septic system.

4.1.2 Fire Department

Regulatory Agency Data	
Name of Agency:	Tracy Fire Department (TFD)
Point of Contact:	Not provided
Agency Address:	835 N Central Ave, Tracy, California
Agency Phone Number:	(209) 831-6700
Date of Contact:	June 26, 2018
Method of Communication:	Email
Summary of Communication:	

No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the TFD.

4.1.3 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	San Joaquin Valley Air Quality Management District (SJVAQMD)
Point of Contact:	Ms. Yolanda Sanchez
Agency Address:	1990 E Gettysburg Ave, Fresno, California
Agency Phone Number:	(559) 230-6000
Date of Contact:	June 26, 2018
Method of Communication:	Email
Summary of Communication:	

SJVAQMD has numerous records for the subject property.

- Permits were issued to Thermal Energy Dev Partnership LP for an electrical generation facility (biomass power plant). The permit expires July 31, 2021.

- The facility is permitted under Title V air permitting requirements of the Clean Air Act. The property emits several tons per year of ammonia, carbon monoxide (CO), NOx, PM, PM10, SOx, and volatile organic compounds (VOCs). No outstanding NOVs or NTC were listed.

4.1.4 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	Regional Water Quality Control Board (RWQCB)
Point of Contact:	http://geotracker.waterboards.ca.gov/
Agency Address:	364 Knollcrest Drive, Redding, California
Agency Phone Number:	(530) 224-4845
Date of Contact:	June 26, 2018
Method of Communication:	Online
Summary of Communication:	

The subject property was not identified on the RWQCB GeoTracker online database.

4.1.5 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	California Department of Toxic Substances Control (DTSC)
Point of Contact:	https://www.envirostor.dtsc.ca.gov/public/ and http://hwts.dtsc.ca.gov/
Agency Address:	8800 Cal Center Drive, Sacramento, California
Agency Phone Number:	(916) 255-3545
Date of Contact:	June 26, 2018
Method of Communication:	Online
Summary of Communication:	

The subject property address was not identified on the online DTSC Envirostor database.

The subject property was identified in the online Hazardous Waste Tracking System database.

ID Number	Facility Name/Address	Status	Inactive Date	Waste
CAL000042561	Tracy Biomass	Inactive	February 28, 2007	The facility was listed as a generator of the following hazardous waste in 1993 and 2006: "other inorganic solid waste, waste oil and mixed oil, unspecified organic liquid mixture, unspecified oil-containing waste, empty containers>=30 gallons, liquids w/pH<=2, other organic solids and off-specification, aged, or surplus organics."

4.1.6 Planning Department

Regulatory Agency Data	
Name of Agency:	Tracy Planning Department (TPD)
Point of Contact:	http://www.Tracyca.gov/city-hall/planning/Tracy-zoning-code
Agency Address:	12363 Limonite Ave. Suite 910, Tracy, CA 91752
Agency Phone Number:	(209) 831-6000
Date of Contact:	June 26, 2018
Method of Communication:	Online
Summary of Communication:	

According to records reviewed, the subject property is zoned CRSP for Cordes Ranch Specific Plan development by the City of Tracy.

4.1.7 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Division of Oil, Gas and Geothermal Resources (DOGGR)
Point of Contact:	http://www.conservation.ca.gov/dog/Pages/Wellfinder.aspx
Agency Address:	801 K Street, MS 24-01, Sacramento, CA 95814
Agency Phone Number:	(916) 322-1080
Date of Contact:	June 26, 2018
Method of Communication:	Online
Summary of Communication:	

According to DOGGR, no oil or gas wells are located on or adjacent to the subject property.

4.1.8 Assessor's Office

Regulatory Agency Data	
Name of Agency:	San Joaquin County Assessor (SJCA)
Point of Contact:	Not applicable
Agency Address:	44 North San Joaquin Street, Stockton, California
Agency Phone Number:	(209) 468-3420
Date of Contact:	June 26, 2018
Method of Communication:	Online
Summary of Communication:	

According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 209-240-230-000 and consists of 38 acres.

4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by Environmental Data Resources, Inc. (EDR). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet. Using the ASTM definition of migration, Partner considers the

migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor. A copy of the EDR report is included as Appendix C.

4.2.1 Regulatory Database Summary

Radius Report Data				
Database	**Search Radius (mile)**	**Subject Property**	**Adjacent Properties**	**Sites of Concern**
Federal NPL or Delisted NPL Site	1.00	N	N	N
Federal CERCLIS Site	0.50	N	N	N
Federal CERCLIS-NFRAP Site	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSDF Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SQG, CESQG)	0.25	N	**Y**	N
Federal IC/EC Registries	0.50	N	N	N
Federal ERNS Site	Subject Property	N	N	N
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	N
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site	0.50	N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	0.25	**Y**	**Y**	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.50	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
HAZNET	Subject Property	**Y**	**Y**	
EDR MGP	Varies	N	N	N
EDR US Hist Auto Station	Varies	N	N	N
EDR US Hist Cleaners	Varies	N	N	N

4.2.2 Subject Property

The agency database report obtained from Environmental Data Resources, Inc. (EDR) identified the subject property as:

- **Thermal Energy Development (EDR Map ID: A1, A2, A4, A5, A7, A9, A12, A13)** is identified on the FINDS, EMI, NPDES, CIWQS, CERS, CERS Haz Waste, CERS Tanks, AST, and HAZNET databases. The facility is identified on the HAZNET database for generating state-regulated wastes including "unspecified oil-containing waste, other inorganic solid waste, liquids with pH <= 2, fly ash, bottom ash and retort ash, other organic solids, Laboratory waste chemicals, waste oil and mixed oil, oil/water separation sludge, oxygenated solvents, and off-specification, aged, or surplus

organics" that were manifested for off-site disposal between 2008 and 2016. Violations (listed as informal) are listed on the AIRS database.

- **Tracy Biomass Plant (EDR Map ID: A3, A10, A11)** is identified on the SWEEPS UST, FINDS, CERS, and RMP, and ECHO databases. U.S. EPA Risk Management Plan (RMP) database listed the facility as "Other Electric Power Generation." The CERS listing is associated with wastewater discharge requirements.
- **Tracy Operators (EDR Map ID: A6, A8)**, is identified on the EMI and HAZNET databases. The facility is identified on the HAZNET database for generating state-regulated wastes including "unspecified oil-containing waste, other organic solids, waste oil and mixed oil, unspecified organic liquid mixture other inorganic solid waste, and off-specification, aged, or surplus organics" that were manifested for off-site disposal between 1993 and 2006. The facility is shown as having emitted several tons per year of organic gases, carbon monoxide, oxides of nitrogen (NOx), oxides of sulphur (SOx), and particulate matter less than or equal to 10 micrometers (PM10) since 1990.

Based on the regulatory status and long history of industrial use, there is potential for these listings to have created an environmental concern to the subject property. See below for results of the Phase II investigations.

4.2.3 Adjacent Properties

The EDR Report identified the following facilities adjacent to the subject property:

- **Owens Brockway Glass/Owens-Illinois (EDR Map ID: A14, A15, A16, A17, A18, A19, A20)**, is listed at 14700 West Schulte Road, adjacent to the south and hydrologically up- to cross-gradient of the subject property. The facility is listed on UST, LUST, RCRA-LQG, HIST UST, TRIS, AST, HIST CORTESE, ICIS, US AIRS, WDS, SWEEPS UST, CA FID UST, EMI, TANKS, Haz Waste, CERS, and SLIC databases. The facility is a large industrial complex constructed in the early 1960s that includes three glass melting furnaces, raw material storage, bottle forming, warehousing and offices. Process wastewater generated at the facility is treated in a series of onsite wastewater ponds which are separate from the stormwater retention ponds and located on the northern portion of the facility, adjacent to the subject property.

  In May 1986, an approximately 300 or 450-gallon gasoline UST was removed from the facility. The former gasoline UST was reportedly located in an area immediately east of the southeast corner of the subject property. At the time of the UST removal, the SJCEHD observed several small holes at the base of the UST, and noted the tank appeared rusted. Elevated concentrations of Total Petroleum Hydrocarbons quantified as gasoline (TPH-g) and other volatile organic compounds (VOCs) were reported in a soil sample collected from the base of the UST, indicating a release had occurred. In February 2002, a soil boring was advanced to a depth of approximately 25 feet bgs in the area of the former UST. Analytical results of soil samples collected from the soil boring were non-detectable for petroleum hydrocarbons, and it was concluded that soil and groundwater in the area near the former UST were not impacted as a result of the former UST release. The release

appeared to have been small and confined to the soil directly beneath the former UST. In a letter dated June 17, 2002, the SJCEHD confirmed completion of the investigation and corrective action for the UST release, and directed no further action required. The RWQCB also confirmed the closure in concurrence with SJCEHD.

In June 1989, a 1,460-gallon waste oil UST was abandoned in-place at the facility. Prior to the UST abandonment, two soil borings were advanced under the UST, and four soil samples were collected for analysis. Analytical results of all four soil samples were non-detectable for petroleum hydrocarbons, indicating no releases had occurred from the waste oil UST. The soil boring advancements and in-place abandonment of the UST were observed by a representative of the SJCEHD. The SJCEHD closed the case June 17, 2002. The LUST status is listed as "Open-inactive" as of October 5, 2002" in the GeoTracker database.

Multiple hazardous wastes associated with the facility are listed in the database including cadmium, chromium, lead, selenium, Methyl Ethyl Ketone and spent non-halogenated solvents. Notices of Violation (general) were reported in 1993 and 2004 and a return to compliance in 1993 and 2004 were noted. The violations appear to be related to record keeping practices. The wastewater discharge (WDR) database lists a Notice of Violation in 2007 pertaining to failure to submit wastewater data for domestic and process water and violations of e. coli and other groundwater discharge parameters. The LUST status is listed as "Open-inactive" as of October 5, 2002" in the Geotracker database. Based on the up-to cross-gradient location and long history of industrial use, there is potential for these listings to have created an environmental concern to the subject property.

Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

4.2.4 Site Vicinity

Partner reviewed the EDR database report to identify offsite facilities that have suspected or documented environmental concerns or RECs that may negatively impact the subject property. Partner's criteria for further evaluating the potential impact of a listed offsite facility are summarized below:

- The listed offsite facility is documented or assumed to be hydrogeologically up-gradient and a likely pathway exists for known releases of environmentally mobile contaminants to reach the subject property; or, contaminants from the listed offsite facility can reach the subject through other pathways (i.e., surface runoff); and,
- The offsite facility is listed as an open case on one of the following databases: Federal NPL, Federal CORRACTS, Federal CERCLIS, Federal ERNS, and State-Specific lists including, but not limited to State Hazardous Waste Sites, State SCL, State LUST, State Deed Restrictions, State Toxic Pits, Landfill (excluding transfer stations); or

- The facility is a known or suspected concern based on Partner's experience or observations made during the site reconnaissance. (i.e., Dry-cleaning operations that may or may not be listed as RCRA-SQG or a non-adjacent UST site that appears to have a remediation system in place).

Partner did not identify facilities that, using the criteria discussed above, appeared to be a potential concern.

4.2.5 Unmapped Sites

Partner reviewed EDR's Orphan Summary, which is a listing of sites that have not been geocoded based on lack of sufficient data regarding their exact location within the general area. The subject property was not identified as an Unmapped Site.

No orphan listings were identified in the regulatory database report.

4.3 Vapor Intrusion Screening

As part of this ESA, Partner conducted a Tier 1 Vapor Intrusion Screening, in general accordance with the procedures included in ASTM E2600-10, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. The purpose of the vapor intrusion screening was to evaluate whether a potential vapor intrusion condition (pVIC) exists on the subject property. This screening was undertaken through the use of applicable information collected during the ESA, including existing/planned use of the site, type of structures on the site, surrounding property description, regulatory database review, man-made and natural conduits that can provide a potential path for vapor migration, use information, historical and physical records review, and a visual non-invasive reconnaissance of the site and observation of adjoining properties from publicly accessible rights of way. Limiting conditions, ASTM deviations, and significant gaps, if any, are discussed in Sections 1.3 and 1.5.

Based on a review of previous reports, agency records, and current site observations, no onsite sources with the potential to have created a Vapor Intrusion Condition (VIC) to the subject property were identified.

Based on Partner's review of the agency database report obtained from EDR no offsite properties with the potential to have created a VIC to the subject property were found.

Based on the physical setting of the subject property, the current and planned use of the subject property, and the findings from historical and regulatory records review, VICs were not identified in association with the subject property and further assessment is not warranted at this time (Appendix C).

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the Brownfields Amendments), the User must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that all appropriate inquiry is not complete. The user is asked to provide information or knowledge of the following:

- Environmental cleanup liens that are filed or recorded against the site.
- Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry.
- Specialized knowledge or experience of the person seeking to qualify for the LLPs.
- Relationship of the purchase price to the fair market value of the *property* if it were not contaminated.
- Commonly known or *reasonably ascertainable* information about the *property*.
- The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate assessment.
- The reason for preparation of this Phase I ESA.

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

5.1 Interviews

5.1.1 Interview with Owner

A representative of the owner of the subject property, identified as Thermal Energy Partnership LP, was available to be interviewed at the time of the assessment. Please refer to Section 5.1.3.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report Users. Because the Report User is a buyer, it is understood that the Report Users would not have knowledge of the property that would significantly impact our ability to satisfy the objectives of this assessment. The lack of this information is not considered to represent a significant data gap.

5.1.3 Interviews with Key Site Manager

Mr. Mitchell Martin, a Project Engineer with Greenleaf Power, indicated that he did not have any information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

Mr. Martin stated that facility ceased operations in 2014. There are no USTs or groundwater monitoring wells on the subject property to the best of his knowledge. ASTs, an oil/water separator, two water wells, two hydraulic lifts, a septic system, storm water retention ponds and hazardous materials/wastes are located at the facility (See Sections 5.2.6 and 6.0). The on-site ASTs have reportedly been empty since 2014.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators and occupants were not reasonably ascertainable. The lack of this information is not considered to represent a significant data gap.

5.1.5 Interviews with Others

As the subject property is not an abandoned property as defined in ASTM 1527-13, interviews with others were not performed.

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

Partner was provided by LBA with a Commitment for Title Insurances issued by First American Title Insurance Company and dated June 14, 2018. According to the Commitment for Title Insurance, the title to the subject property is currently vested in Thermal Energy Partnership LP, a Delaware Limited Partnership. The Title Commitment did not list the presence of environmental liens or activity and use limitations. Various easements for drainage, electrical poles, and gas lines are listed in the Title Commitment.

A copy is included in Appendix B.

5.2.2 Specialized Knowledge

No specialized knowledge of environmental conditions associated with the subject property was provided by the Users at the time of the assessment.

5.2.3 Actual Knowledge of the User

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the Users at the time of the assessment.

5.2.4 Valuation Reduction for Environmental Issues

No knowledge of valuation reductions associated with the subject property was provided by the Users at the time of the assessment.

5.2.5 Commonly Known or Reasonably Ascertainable Information

The Users did not provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment.

5.2.6 Previous Reports and Other Provided Documentation

The following information was provided to Partner for review during the course of this assessment:

Phase I Environmental Site Assessment, Tracy Biomass Power Plant, 14800 West Schulte Road, Tracy California, TRC Solutions, Inc. (November 12, 2012)

TRC Solutions, Inc. (TRC) prepared this report on behalf of Akin Gump Strauss Hauer & Feld LLP. The assessment was performed in general accordance with ASTM Standard E1527-05. The assessment consisted of a site reconnaissance, interviews with knowledgeable personnel, review of historical information, a review of federal, state and local regulatory databases. Pertinent information contained in this report is summarized below:

- At the time of the 2012 assessment, the subject property was occupied by a biomass power plant. The facility had operated on-site since April 1990. The facility is owned by Thermal Energy Development Partnership, LP. PurEnergy managed the property for Thermal Energy and NAES operated the facility. Onsite structures and features included a Control and Maintenance Building, a Storage Building, a separate building for emission controls (COMS & CEMs Room), a Fire Pump House, an office trailer where water samples are tested, a cooling tower, a boiler, turbine area, a weigh station, parking areas, a tipping station, a wood-fuel storage area, an ash storage area, several stormwater retention ponds, and an electrical substation.
- Site operations included electric power generation (by a steam powered turbine generator), receiving, storage and shipment activities, and equipment operations and maintenance activities. Raw materials include: boiler fuel (agricultural and urban wood waste), chemicals (e.g. ammonia, sulfuric acid, and sodium bicarbonate) for facility operations, and petroleum hydrocarbons (e.g. diesel fuel, motor oils and hydraulic oils) for equipment operations.
- Electrical power production was generated by a steam powered turbine generator. The steam was created by the use of a boiler which was fueled by agricultural and urban wood wastes. Groundwater pumped from on-site water wells was used to generate the steam that powers the turbine to drive the electrical generator. The electrical output was transferred to the on-site electrical substation operated by Pacific Gas and Electric (PG&E), located northeast of the Control and Maintenance Building.
- Process water was managed as a closed loop system and not discharged off-site. Process water was cooled by an on-site cooling tower. Water treatment chemicals were added to process water as needed to control water quality parameters such as pH and scaling. Water treatment chemicals were stored to the east and south of the cooling tower, west of the boiler, adjacent to the turbine area, and east of the Fire House Pump. A reverse osmosis (RO) system was located northwest of the boiler.
- Bottom ash and fly ash were generated from boiler operations. Both types of ash have been found to contain heavy metals but in varying concentration levels. Bottom ash generated does not meet the definition of a federal hazardous waste under the RCRA but meets the definition of hazardous as a California hazardous waste (non-RCRA) primarily due to its levels of arsenic and lead. Bottom ash was stockpiled onto a temporary liner (plastic visqueen) and sampled in accordance with the facility sampling plan. Fly ash was stockpiled separately from the bottom ash

and was not stockpiled on top of a liner. Ash stockpiles were managed for dust control by spraying it with water daily with a water truck.

- Emissions from the boiler were controlled by adding chemicals and use of abatement equipment. Calcium hydroxide (lime) was used to control sulfur dioxide (SO2) and ammonia was used to control nitrogen oxides (NOx). Particulates were controlled by an electrostatic precipitator (ESP). Emissions controls are managed through the continuous opacity monitoring system (COMS) and the continuous emissions monitoring system (CEMS). The COMS and CEMS were housed in a separate building adjacent to the Storage Warehouse. Compressed gas such as argon, nitrogen and nitrogen air mixture were located in the COMS and CEMS Room and used for the operations of the COMS and CEMS.
- Main controls for the facility are located in the Control Room, on the western portion of the second floor of the Control and Maintenance Building. The Control and Maintenance Building also consisted of office space, restrooms, a break room, and a maintenance shop. Waste containing oil is generated from some activities done in the maintenance shop and is contained in small metal step cans.
- Maintenance of equipment, such as forklifts and loaders, is done on-site by facility staff and outside contractors as needed. Major repairs are done off-site. A concrete pad where the majority of equipment is serviced is located adjacent to the oil storage area south of the COMS and CEMS Room building. Equipment is fueled on-site at the fueling area south of the Fire Pump House or fueled from a portable 100-gallon fuel tank, which is filled at the fueling area and taken to the larger equipment to be fueled. Equipment and vehicle washing is not done on-site.
- A fire suppression system for the wood fuel was located at the wood-fuel storage area. Water used for fire suppression was supplied by on-site water wells located east of the Fire Pump House. Water for fire suppression was stored in a large 60,000-gallon water tank located south of the Fire Pump House.
- According to a 2012 Title Report prepared by EDR, the subject property was owned by Sacramento Northern Railway in April of 1947. From 1947 to 1955, the subject property was listed as being owned by Annette Egesdal. In 1955, the subject property was acquired by Karl Schulties. In 1970, it was transferred to Standard Realty and Development Company. In 1979, the subject property was owned by Owens Illinois, Inc. until 1988 when it was acquired by Thermal Energy Development Partnership LP. The biomass power plant was constructed starting in 1988 and operations began in 1990.
- No current or former USTs were identified on the subject property. Several large ASTs were observed on-site and included:
    - A 12,500-gallon metal AST containing Ammonium Hydroxide (25%) located west of the Cooling Tower
    - A 32,000 lbs Cylindrical Silo containing Calcium Hydroxide located West of Boiler
    - A 300-gallon metal AST containing Diesel Fuel located Inside Fire Pump House

- A 4,500-gallon metal AST containing Diesel Fuel located South of Fire Pump House
- 87,000 lbs cylindrical silo containing Sodium Carbonate located West of Boiler
- A 1,050-gallon plastic AST Sodium Hypochlorite East of Cooling Tower
- A 5,000-gallon plastic AST Sulfuric Acid South of Cooling Tower
- A 60,000-gallon metal AST Water South of Fire Pump House
- A 10,000-gallon metal AST Water West of Boiler
- Metal AST (volume unknown) Filtomat Residue South of Cooling Tower
- Two empty plastic ASTs (approximately 1,000-gallon volume) were observed at the south side of the cooling tower and were no longer in use.
- A 2,000-gallon AST of sulfuric acid was removed from the property in August of 2008. According to SJCEHD records, sulfuric acid had leaked from the AST, breached the concrete secondary containment and impacted the soil. The leak was due to corrosion at the bottom of the tank, which then caused the acid to corrode the concrete secondary containment. Impact to soil was localized to the area beneath the tank. The tank and impacted soil were removed from the property. SJCEHD inspection notes dated September 8, 2008 stated that soil pH was tested down to 20 feet bgs found no impact from sulfuric acid.

- Wastes generated at the facility included bottom ash, used waste oils, oil containing wastes, oil sludge, and universal wastes.

- Fly ash and bottom ash are produced from boiler processes. Both fly ash and bottom ash were cooled and moistened with water and then transferred to a dump truck. Ash was then transferred to the ash storage area at the southeastern area of the property where bottom ash was stockpiled and stored separately from fly ash. Bottom ash had been found to contain heavy metals, with arsenic and lead being the primary metals of concern. Composite samples of both types of ash were collected in accordance with the facility sampling plan. Bottom ash was sampled on a monthly basis and fly ash was sampled quarterly. Analytical results were reviewed by the Plant Engineer and the ash was disposed of accordingly. Bottom ash typically had concentrations of arsenic and lead and was disposed of off-site as a California non-RCRA hazardous waste. The bottom ash did not meet the federal definition of a RCRA hazardous waste.

- Fly ash was found to not be hazardous and was reused to fertilize agricultural fields.

- Stormwater runoff was maintained on-site through a system of stormwater drainage swales located throughout the property and stormwater retention ponds located at the northern portion of the subject property. Underground storm drainage piping carried runoff from the main operation areas of the subject property to the main stormwater pond at the northeast corner of the subject property. The facility did not discharge off-site and was not under the requirements of a National Pollutant Discharge Elimination System (NPDES) stormwater permit or Waste Discharge Requirement (WDR) permit. According to site personnel, the subject property's land use permit provided that the stormwater retention ponds be designed to hold a total of 480,000 cubic feet of stormwater runoff. Records to confirm the volume capacity of the retention ponds were not available. Dredging or routine maintenance of the retention ponds was not reported.

- Stormwater drain inlets and conveyances were observed to be unprotected and covered in sediment. A system of subsurface drains was observed below the general operations area (boiler

and turbine areas). The drains lead to what was referred to as the "clear water well", which is connected to the oil-water separator located northwest of the Control and Maintenance Building. A drain was also observed at the bermed concrete pad of the oil storage area and one at the concrete pad for the service station area. Site personnel were not sure where the drains lead to and were thought likely to be sumps. The conditions of these drains were not verified. No evidence of pollutants (e.g. sheening or strong odor) was observed around the drains.

- A stockpile of soil from facility construction was located at the southwest corner of the property. The soil was from previous grading activity during the construction of activity done around 1990. Some debris was observed in the stockpile and it was unclear if any construction waste may have been mixed with the soil. The stockpile was fairly large and was left uncovered or unprotected.
- Two water wells were located at the southeastern area of the subject property in the vicinity of the water storage tank and fire pump house. The wells pump groundwater to the water tank and the non-potable water was used for facility operations and fire suppression purposes. According to the previous Phase I ESA by LFR, one well is 350 feet deep and the other is 342 feet deep. No other wells were reported at the subject property.
- A sewer line reportedly crosses a portion of the subject property. [Partner has not been able to document the location of the sewer line reported by TRC. There are no sewers in the vicinity.]
- The facility is not connected to a municipal sewer system and all sanitary waste discharged to an on-site underground septic tank. The septic tank was located north of the Control and Maintenance Building.
- TRC review a previous 2006 Phase I ESA and Phase II report prepared by Levine Fricke (LFR, 2006). Fly ash was used as fill around the southern portions of the property. During the Phase II investigation, the ash fill area was determined to be approximately 3 feet thick. The fill area was sampled and found to be non-hazardous, but with elevated levels of arsenic and lead detected. A sample of soil was collected at a depth of approximately 1 foot below the ash fill area and was not found to be impacted by metals.
- Several RECs were identified in LFR's Phase I ESA report and included: observed minor release of hydraulic oil; observed minor release of phosphoric acid from a leaking container; unpaved fueling station; storage of arsenic containing ash on unlined areas of the facility; the possibility of the presence of herbicides and pesticides from historical agricultural uses of the property; observed storage of chemical materials without secondary containment, with observed staining in storage areas; and unknown condition of the oil-water separator.
- LFR's 2006 Phase II ESA investigation was conducted to assess the shallow subsurface condition of the property in accordance with the findings of their Phase I ESA. A total of 34 shallow (0 to 5 feet bgs) soil samples were collected. Soil samples were collected from test pits where ash was stored, select operational areas, and surface water runoff control areas. Surface water samples were also collected from the stormwater retention pond, which contained water at the time of the investigation. Samples were tested for the presence of metals, hydrocarbons, semi-volatile

organic compounds (SVOCs), volatile organic compounds (VOCs), pesticides, herbicides, dioxins, and furans. Sample results were compared to applicable environmental screening levels (ESLs).

- Findings of the Phase II investigation stated that the data collected did not indicate significant impacts to soil quality. The findings from the report included the following:
  - Concentrations of arsenic were detected above screening criteria in samples of ash used as fill near the ash storage area, but LFR concluded the arsenic likely did not leach to soil at depths of approximately 1 feet below the ash layer. Arsenic concentrations were not reported by TRC.
  - Soil near the hydraulic lifts used for truck tipping were found to be impacted by hydraulic oil. LFR recommended that the hydraulic lifts be repaired/inspected.
  - Total petroleum hydrocarbons in the diesel range (TPHd) were detected above the Environmental Screening Level (ESL) in one soil sample (SSS-24) collected from the Plant Area, but no further recommendations were made to address the finding.
  - Arsenic was detected above the calculated background concentration in a surface soil sample (SSS-14) collected from a drainage swale along the western border of the property. LFR recommended that the extent of ash, which was thought to be the likely source, be further evaluated.
  - Arsenic, thallium, bis(2-ethylhexyl)phthalate and TPHd were detected in a surface water sample collected from the stormwater retention pond. All detected concentrations, except for bis(2-ethylhexyl)phthalate, were found to be below ESLs for Freshwater Habitat Goals. Bis(2-ethylhexyl)phthalate was detected above the ESL of 32 micrograms per liter (µg/L) in two surface water samples collected from the stormwater retention pond. However, LFR did not make further recommendations.
- Copies of the 2006 LFR reports were not included in the appendices of the 2012 TRC report.

TRC identified the following RECs associated with the subject property:

- Two upgradient sites, Tracy Youth Sports Park and Owens-Brockway Glass Container, were identified on the EDR report and TRC concluded there was a reasonable possibility that these sites may have an impact to the subject property.
- Bottom ash has been found to contain elevated levels of heavy metals, with arsenic and lead as the primary contaminants of concern. Bottom ash was stockpiled on plastic sheets prior to being disposed off-site but was observed to be on the soil and was not confined to the plastic. The fly ash was also stockpiled on-site in an unlined area and was previously used as fill for some areas of the property.
- On-site stormwater retention ponds were unlined and the stormwater drainage system is not protected from pollutants. Elevated levels of arsenic and metals were detected in a stormwater drainage swale at the western border of the property and surface water in the northeastern

stormwater retention pond detected elevated concentrations of arsenic, thallium, bis(2-ethylhexyl)phthalate and TPHd.

- An unknown white powdery residue was observed in the soil near the Filtomat Residue Tank south of the cooling tower.
- Several drains and sumps convey water mixed with oils, ash or other pollutants to the oil-water separator.
- The property is permitted under Title V Clean Air Act permitting requirements and has several documented violations primarily for failing to operate under permit conditions.
- An old stockpile of soil located at the southwestern corner of the property was generated during construction of the biomass power plant around 1990. It was unknown if the stockpile contained other waste generated during the construction activity and/or if additional wastes may had been disposed of into the stockpile.
- A stockpile of wooden poles was observed at the southern portion of the property adjacent to the construction soil stockpile and ash storage area. The wood was leftover building material for the construction of the wind breakers located at the ash storage area and the wood fuel storage area. The poles appeared to be constructed of treated wood, which may need to be disposed of as a hazardous waste.
- A crack in the oil-water separator tank was observed.

TRC identified the following HRECs associated with the subject property:

- Past facility operations included discharge of process wastewater to the unlined stormwater retention pond located at the northeast corner of the property. At the time of this evaluation, the source or quality of the process wastewater that was discharged into the pond was unknown. Previous wastewater discharge permits were not known to exist for this activity. A composite sediment sample from the pond area collected during the Phase II ESA investigation in 2006 showed no evidence of impact, though surface water in the pond was found to be impacted by contaminants.
- A spill of sulfuric acid from a 2,000-gallon tank in the vicinity of the boiler occurred in August of 2008. The acid had leaked from the tank and through the concrete secondary containment. The impacted soil has been removed from the subject property and SJCEHD confirmed no impact down to 20 feet bgs in September of 2008. Records show that impacted soil from the previous spill had been cleaned up.

Phase II - Surficial Soil Sampling Report, Tracy Biomass Power Plant, 14800 West Schulte Road, Tracy California, TRC (March 7, 2013)

TRC prepared this report on behalf of Akin Gump Strauss Hauer & Feld LLP. On February 14, 2013, soil samples were collected from four areas of the subject property identified as: Construction Soil Stockpiles, Fly Ash Storage Pile Sample, Bottom Ash Storage Pile Sample, and White Powder Residue Sample.

Construction stockpile soil samples (SP-1 through SP-7) were collected with a hand auger at a depth of approximately 2.5 feet bgs and analyzed for CAM 17 metals, pesticides, hydrocarbons, volatiles, and a composited sample for dioxins and furans. Sample SP-7 exceeded ten times the Soluble Threshold Limit Concentration (STLC) values for these metals. An STLC Citrate extraction test was run to assess whether this material would be classified as hazardous waste if disposal was needed to allow for future site development. These STLC results did not indicate that the material would be hazardous.

A composited sample (SP-1,2,3,4,5,6,7) was analyzed for dioxins and furans. Because dioxins and furans refer to such a broad class of compounds that vary widely in toxicity, the concept of toxic equivalence (TEQ) has been developed to facilitate risk assessment and regulatory control. Toxic equivalence factors (TEFs) exist for seven congeners of dioxins, and ten furans. The reference congener is the most toxic dioxin 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) which per definition has a TEF of one. The total dioxin/furan TEQ was 1.3 picograms/grams (pg/g). This value was below DTSC's remedial goal of 200 pg/g for commercial/industrial sites.

A field-composited fly ash storage pile soil sample (Fly Ash-1) was collected and analyzed for CAM 17 metals and dioxins/furans. Because the lead concentration (73 milligrams per kilograms (mg/kg)) for Sample Fly-Ash-1 exceeded ten times the STLC value for lead, an STLC Citrate extraction test was run to assess whether this material would be classified as hazardous waste if disposal was needed to allow for future site development. These STLC results did not indicate the material would be hazardous. The total dioxin/furan TEQ was 110 pg/g. This value was below DTSC's remedial goal of 200 pg/g for commercial/industrial sites.

A field-composited bottom ash storage pile soil sample (Bottom Ash-1) was collected and analyzed for CAM 17 metals and dioxins/furans. The metal results did not indicate any potential hazardous characteristics. Sample Bottom Ash -1 was analyzed for dioxins/furans and the total dioxin/furan TEQ) was 0.96 pg/g. This value was below DTSC's remedial goal of 200 pg/g for commercial/industrial sites.

A white powdery residue was observed in the soil near the sulfuric acid and filtomat residue ASTs south of the cooling towers. Field-composited soil sample WR was collected and analyzed for CAM 17 metals and acidity.

Because the chromium concentration (64 mg/kg) and lead concentration (73 mg/kg) for sample WR exceeded ten times the STLC values for these metals, an STLC Citrate extraction test was run to assess if this soil might be hazardous if removal and disposal of this material was needed to allow for future site development. These STLC results did not indicate the material would be hazardous. The results of the acidity test were non-detect. TRC observed in the field that the white powder which was sampled was not unique to the sample area. TRC concluded that the powder could be a mineral residue from dust suppression activities which involves spraying water in dusty areas.

Based on the limited sampling and analysis performed on samples collected, TRC concluded that the construction soil does not appear to be hazardous. If the future plans for the property do include developing the area where the construction stockpile is located, TRC recommended the construction soil

be disposed of and a more rigorous sampling and analysis plan, consistent with Cal-EPA Department of Toxic Substances Control guidelines was recommended.

The area where the WR sample was collected was near the sampling locations for SP-7 and Fly Ash-1. The similarities of the analytical results for metals for these samples suggested that the material located in the fly ash pile may be located superficially across this area.

Phase I Environmental Site Assessment, Tracy Biomass Power Plant, 14800 West Schulte Road, Tracy California, TRC Solutions, Inc. (May 2014)

TRC prepared this report on behalf of Greenleaf Power, LLC. The assessment was performed in general accordance with ASTM Standard E1527-13. The assessment consisted of a site reconnaissance, interviews with knowledgeable personnel, review of historical information, a review of federal, state and local regulatory databases. Pertinent information contained in this report is summarized below:

- The subject property was occupied by a biomass power plant facility as seen during the TRC 2012 site visit discussed above.

TRC identified RECs previously outlined in the 2012 TRC ESA and recommended that Greenleaf complete a Phase II study to determine whether there is potential for soil and groundwater contamination at the subject property.

Phase II Subsurface Investigation Report, 14800 West Schulte Road, Tracy California, Partner (July 3, 2018)

In June 2018 Partner conducted soil sampling from 12 borings in areas of concern throughout the subject property. These included the OWS, drum, bucket, and scrap metal storage areas, ash piles, hydraulic lift, storm water retention pond, and soil stockpile. Based on the results of the July 2018 Subsurface Investigation, Partner concluded there is evidence of various metals present impacts to in shallow soil beneath the subject. No TPH-cc and/or VOCs were detected in the analyzed soil samples at concentrations exceeding respective commercial ESLs.

Arsenic was detected in soil sample B7-2.5 at a concentration of 25 milligrams per kilogram (mg/kg), which exceeds both the commercial ESL of 0.31 mg/kg and the background concentration of 12 mg/kg.

Copper was detected in soil samples B2-8, B7-2.5, and SS-1 at concentrations of 150, 120, and 81 mg/kg, respectively. Each of these detections are below the commercial ESL of 47,000 mg/kg.

Lead was detected in soil samples B7-2.5 and SS-1 at concentrations of 66 and 39 mg/kg, respectively. Each of these detections are below the commercial ESL of 320 mg/kg.

Molybdenum was detected in soil sample SS-1 at a concentration of 29 mg/kg, which is below the commercial ESL 5,800 mg/kg.

Zinc was detected in soil samples B7-2.5 and SS-1 at concentrations of 300 and 190 mg/kg, respectively. Each of these detections are below the commercial ESL of 350,000 mg/kg.

No other metals were detected in the analyzed soil samples at concentrations exceeding commercial ESLs and/or background concentrations for typical California soils as based on the Kearney Foundation of Soil

Science March 1996 report titled Background Concentrations of Trace and Major Elements in California Soils.

Based on the results, there is evidence of various metals impacts to shallow soil beneath the subject property. Based on available data, none of the detected metals exceed California CCR Title 22 criteria indicating that the soil would be considered a hazardous waste. However, if the soil is to be moved offsite, additional sampling would be required to confirm whether the soil meets criteria acceptable for reuse or requires special handling and disposal. There is also evidence of residual TPH-d and TPH-mo in soil beneath the subject property; however, these detections are below regulatory screening criteria and therefore do not appear to represent a significant threat to human health or the environment.

There are no issues that would require remediation. The constituents of the ash pile may be considered hazardous if it is moved offsite. If feasible, the soil in this area could be mixed with onsite soil and reused onsite.

Partner recommends no further investigation with respect to the former on-site operations at this time. However, Partner recommends the implementation of a soil management plan (SMP) during future redevelopment activities so that potentially impacted soils are handled correctly and transported to an appropriate disposal facility, if needed. Copies are included in Appendix B.

6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was sunny. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

Site Assessment Data	
Site Assessment Performed By:	Nate Maroon of Partner
Site Assessment Conducted On:	June 26, 2018

The table below provides the subject property personnel interviewed during the field reconnaissance:

Site Visit Personnel for 14800 West Schulte Road (Subject Property)			
Name	**Title/Role**	**Contact Number**	**Site Walk* Yes/No**
Mr. Mitchell Martin	Project Engineer with Greenleaf Power	Not Provided	Yes *

* Accompanied Partner during the field reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

No solid waste is currently generated at the subject property. No evidence of illegal dumping of solid waste was observed on the subject property during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

The subject property is not connected to the municipal sanitary sewer system. Sanitary discharges from the subject property are directed to an onsite septic system, as further discussed below in Section 6.1.7.

6.1.3 Surface Water Drainage

Stormwater runoff was maintained on-site through a system of stormwater drainage swales located throughout the property and three stormwater retention ponds located at the northern portion of the subject property. Underground storm drainage piping carried runoff from the main operation areas of the subject property to the main stormwater pond at the northeast corner of the subject property. At the time of the Partner site visit, the stormwater retention ponds were dry, but the shallow soil was still moist.

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Department of Agriculture. A comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No surface impoundments, wetlands, or lagoons are located on the subject property. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Electricity and natural gas provided by the Pacific Gas & Electric (PG&E).

6.1.5 Wells and Cisterns

No aboveground evidence of cisterns was observed during the site reconnaissance.

Two water wells are located at the southeastern area of the subject property in the vicinity of the water storage tank and fire pump house. The wells pump groundwater to the water tank and the non-potable water was used for facility operations and fire suppression purposes. According to the previous 2006 LFR Phase I ESA, the wells are 350 feet deep and 342 feet deep.

No other wells were reported at the subject property.

6.1.6 Wastewater

Domestic wastewater generated at the subject property is disposed by means of the septic system.

As discussed in Section 5.2.6, former process water was managed as a closed loop system and not discharged off-site. No industrial process is currently performed at the subject property.

6.1.7 Septic Systems

The facility is not connected to a municipal sewer system and all sanitary waste is discharged to an on-site underground septic tank. A domestic septic system is located north of the Control and Maintenance Building. According to previous reports and SJCDEH, the septic system was permitted and was located approximately 65 feet off the northeast corner of the Control and Maintenance Building. This septic system was installed in 1988 to serve the restroom facilities within the warehouse building. The permit indicates that the system consists of a 1,200-gallon dual compartment pre-cast tank that is connected to a seepage pit located more than 100 feet north of the tank. Dimensions of the seepage pit are listed as 6 by 10 by 10 feet deep.

6.1.8 Additional Site Observations

A northwest-southeast trending Pacific Gas & Electric (PG&E) owned gas pipeline was observed to traverse the southwestern portion of the subject property on topographic maps and in historical aerial photographs. During due diligence in 2015 for the property adjacent to the west at 14900 West Schulte Road, LBA Realty contracted with Underground Service Company to perform a geophysical survey along the trace of the pipeline that crossed the northeast corner of 14900 West Schulte Road. The survey extended to a depth of 20 feet. Evidence of a metal pipeline was not detected. Review of the aerial photography indicated that at some point between 1971 and 1993, the pipeline appears to have been removed. This is apparent in photographs where the pipeline can be seen crossing a aqueduct located approximately 4.4 mile to the southeast. The pipeline is visible in aerial photographs from 1949 through 1971. The pipeline is no longer visible by 1993. Based on the geophysical survey, aerial photography, and lack of easements for the pipeline, it was concluded that the pipeline was removed.

6.2 Potential Environmental Hazards

6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

Partner observed hazardous substances including used oil filters, cleaning supplies and general maintenance products stored in 55-gallon drums at the subject property. No visible signs of leaks, stains, or spills was observed.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

No evidence of current or former USTs was observed during the site reconnaissance.

As discussed in Section 5.2.6, numerous ASTs were utilized at the subject property. According to Mr. Martin, the on-site ASTs have been empty since 2014 when the facility ceased operations. No staining, leaks or spills were noted in the vicinity of the ASTs.

6.2.3 Evidence of Releases

No spills, stains or other indications that a surficial release has occurred at the subject property were observed. Previous evidence of spills is discussed in Section 5.2.6.

6.2.4 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – "*Non-PCB;*" 2) 50 ppm-500 ppm – "*PCB-Contaminated;*" and, 3) Greater than 500 ppm – "*PCB-Containing.*" The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

The on-site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. A transformer was observed within the northeastern portion of the subject property building in the PG&E substation. No evidence of leaks or spills was observed by the transformer. Electrical service is provided to the site by PG&E which retains responsibility for maintenance and clean-up of leaks or spills associated with the transformer. Based on the age of the onsite development 1988-1990, it is unlikely that the onsite transformer contains PCBs.

A hydraulic lift station, consisting of two hydraulic lifts, was used for truck tipping to unload wood fuel deliveries. The lifts are located west of the weigh station on the north central portion of the subject property. It is unlikely that the lifts contain PCBs.

Additionally, no other potential PCB-containing equipment (interior transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, balers, etc.) was observed on the subject property during Partner's reconnaissance.

6.2.5 Strong, Pungent or Noxious Odors

No strong, pungent or noxious odors were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property during the site reconnaissance.

6.2.7 Drains, Sumps and Clarifiers

Subsurface drains observed in the general operations area (boiler and turbine areas) are connected to the above ground oil-water separator located northwest of the Control and Maintenance Building.

6.2.8 Pits, Ponds and Lagoons

No pits, ponds or lagoons, other than the on-site stormwater retention ponds, were observed on the subject property.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are "presumed asbestos-containing material" (PACM).

The on-site buildings will be demolished prior to the redevelopment of the subject property. Suspect ACMs needs to be sampled to confirm the presence or absence of asbestos prior to any demolition activities.

Underground water pipelines may be transite (asbestos) and should be removed if encountered.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm^2 (or 5,000 ug/g or 0.5% by weight) or more of lead.

It is unlikely that LBP is present in buildings constructed after 1977. Therefore, due to the age of the subject property building, it is unlikely that LBP is present.

6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones		
EPA Zones	**Average Predicted Radon Levels**	**Potential**
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 3. Based upon the radon zone classification and commercial use, radon is not considered to be a significant environmental concern.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the City of Tracy serves the subject property vicinity. According to the 2017 Water Quality Report, the sources of public water for the City of Tracy consist of surface waters (from the Stanislaus River and the Delta- Mendota Canal) and groundwater. According to the 2017 report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Microbial Growth

Microbial growths are microscopic organisms found virtually everywhere, indoors and outdoors. Microbial growths will grow and multiply under the right conditions, needing only sufficient moisture (e.g.in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

The on-site buildings will be demolished prior to the redevelopment of the subject property. As such, a mold evaluation was not required by the scope of services.

7.0 FINDINGS AND CONCLUSIONS

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment.

- Partner did not identify recognized environmental conditions during the course of this assessment.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- A 2,000-gallon AST of sulfuric acid was removed from the property in August of 2008. According to SJCEHD records, the tank and impacted soil were removed from the property. SJCEHD inspection notes dated September 8, 2008 stated that soil pH was tested down to 20 feet bgs found no impact from sulfuric acid.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- In June 2018 Partner conducted soil sampling from 12 borings in areas of concern throughout the subject property. These included the OWS, drum, bucket, and scrap metal storage areas, ash piles, hydraulic lifts, storm water retention pond, and soil stockpile. Based on the results, Partner concluded there is evidence of various metals present in shallow soil beneath the subject property (Subsurface Investigation results are attached as an Appendix). Only arsenic exceeded both the commercial ESL of 0.31 mg/kg and the background concentration of 12 mg/kg.
- The constituents of the ash pile may be considered hazardous if it is moved offsite. If feasible, the soil in this area could be mixed with onsite soil and reused onsite. and may be classified as

hazardous if off-site disposal is required during future redevelopment activities. This data and conclusion is consistent with that suggested by LFR in 2014.

- Residual TPH-d and TPH-mo were detected in soil beneath the subject property; however, these detections are below regulatory screening criteria and therefore do not appear to represent a significant threat to human health or the environment. VOCs were not detected in soil, indicating vapor intrusion does not appear to be a concern at the subject property at this time.
- Based on the results, there is evidence of various metals impacts to shallow soil beneath the subject property. Based on available data, none of the detected metals exceed California CCR Title 22 criteria indicating that the soil would be considered a hazardous waste. However, if the soil is to be moved offsite, additional sampling would be required to confirm whether the soil meets criteria acceptable for reuse or requires special handling and disposal. There are no issues that would require remediation. The constituents of the ash pile may be considered hazardous if it is moved offsite. If feasible, the soil in this area could be mixed with onsite soil and reused onsite.
- A domestic septic system was installed in 1988 to serve the restroom facilities within the warehouse building. The septic system should be abandoned and removed under applicable local requirements as part of future demolition activities.
- Two industrial water wells are located on the eastern boundary of the subject property. These wells can remain in place.
- Suspect ACMs needs to be sampled to confirm the presence or absence of asbestos prior to any demolition activities.
- Transite (asbestos) piping may be present in buildings and underground pipelines and should be removed if encountered.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 and LBA Realty, LLC of 14800 West Schulte Road, San Joaquin County, Tracy area, California (the "subject property"). Any exceptions to or deletions from this practice are described in Section 1.5 of this report.

This assessment has not revealed evidence of recognized environmental conditions. Environmental issues were identified.

Based on the conclusions of this assessment and the Phase II, Partner recommends no further investigation with respect to the former on-site operations or soil conditions at this time. However, Partner recommends the implementation of a soil management plan (SMP) to be used during future redevelopment activities so that potentially encountered impacted soils are handled correctly and transported to an appropriate disposal facility, if needed.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 14800 West Schulte Road in the City of Tracy, San Joaquin County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

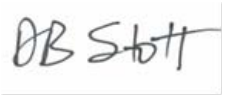
Copies of the resumes of those involved in the preparation of this report are provided in Appendix D.

This report has been prepared, under the responsible charge of the Environmental Professional identified below, by:

Prepared by:

Heather Hodgetts
Senior Scientist

Reviewed by:



Debbie Stott, P.G.
Technical Director

9.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E 1527-13.

California Department of Conservation, Division of Oil, Gas, and Geothermal (DOGGR) Online Mapping System (DOMS). http://maps.conservation.ca.gov/doms/index.html.

California Department of Toxic Substances Control (DTSC), ENVIROSTOR Database, http://www.envirostor.dtsc.ca.gov/public/.

California State Water Resources Control Board (SWRCB), GeoTracker Database, http://GeoTracker.swrcb.ca.gov/.

Environmental Data Resources, Inc. (EDR), EDR Radius Map™ Report, June 2018.

EDR, EDR Aerial Photo Decade Package, June 2018.

EDR, EDR Certified Sanborn Map ®, June 2018.

EDR, EDR Historical Topographic Map Report, June 2018.

EDR, EDR-City Directory Abstract, June 2018.

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via internet, June 2018.

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the Internet June 2018.

United States Geological Survey Topographic Map 2012, 7.5 minute series, *Tracy, California*, scale 1: 24,000.

FIGURES

1 SITE LOCATION MAP

2 SITE PLAN

3 TOPOGRAPHIC MAP

PARTNER

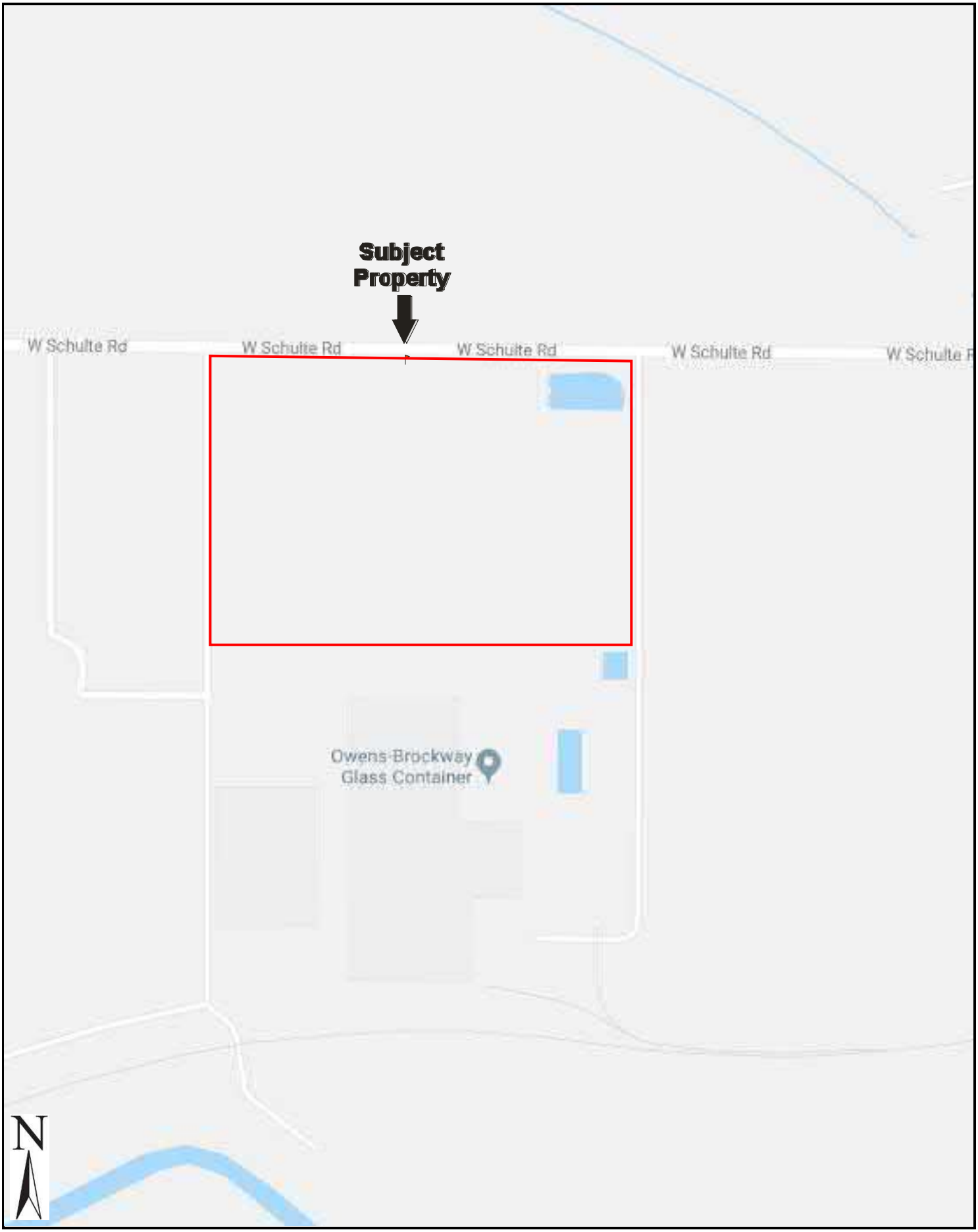


FIGURE 1: SITE LOCATION MAP
Project No. 18-217440.2

Drawing Not To Scale

PARTNER

N

GROUNDWATER FLOW

- Subject Property

H – Hydrauic Lifts **O** – Oil/Water Separater **P**- Former Percolation Pond

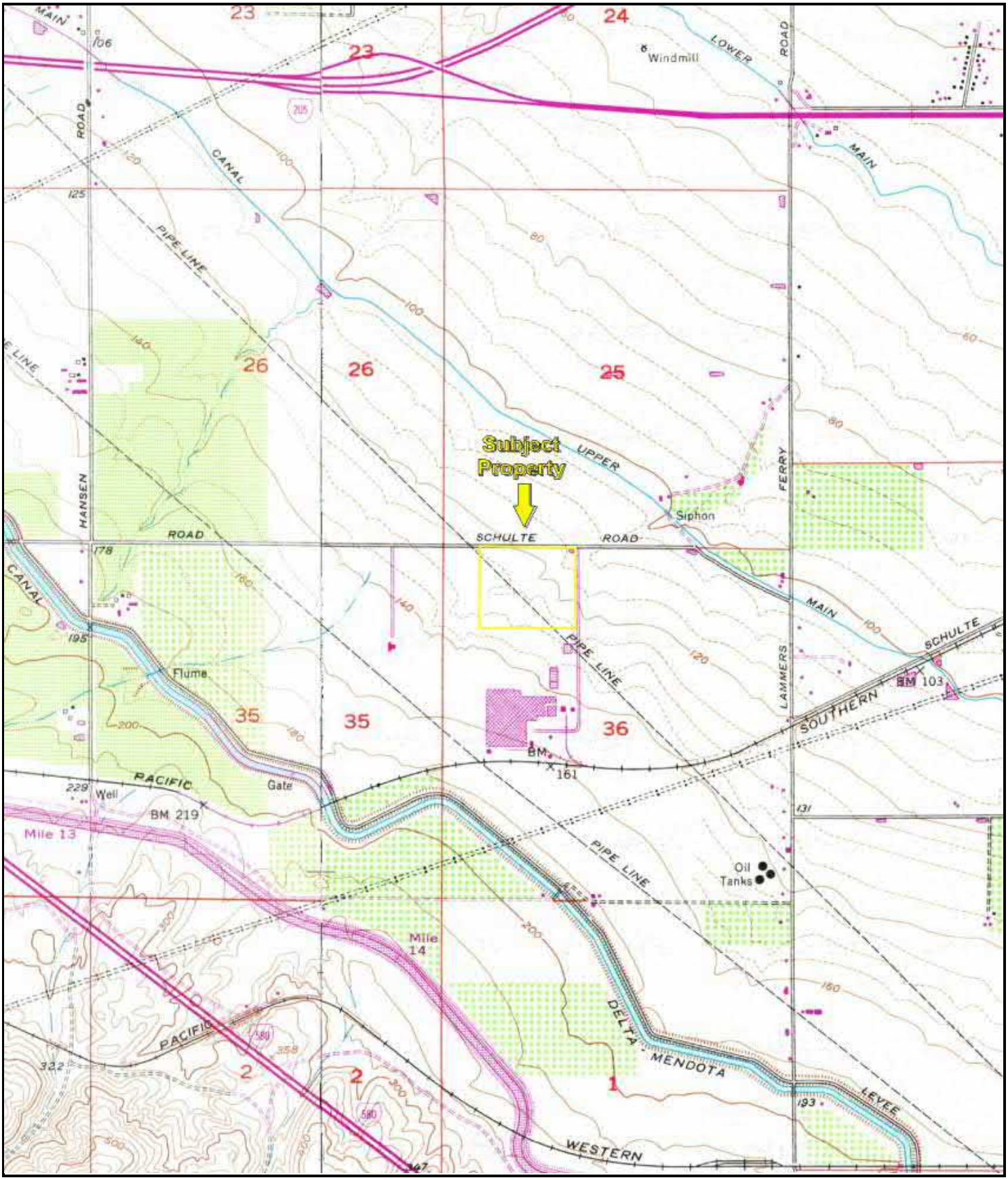
F – Former Fueling Area **S** – Scrap Metal, Old Drums

A – Former Burn Ash Piles **W** – Water Well

FIGURE 2: SITE PLAN

Project No. 18-217440.2

PARTNER



N

USGS 7.5 Minute *Tracy and Midway, California* Quadrangle
Created: 1980/1981

KEY:
Subject Property

FIGURE 3: TOPOGRAPHIC MAP
Project No. 18-217440.2

PARTNER

APPENDIX A: SITE PHOTOGRAPHS

PARTNER

1. View of biomass energy facility facing west.

2. View of storm drain facing south.

3. View of scrap metal, scrap plastic, and empty 55-gallon drums facing south.

4. View of unknown gated electrical system facing southeast.

5. View of dirt road and portion of scrap metal storage area facing south.

6. View of dirt road and portion of scrap metal storage area facing south.

7. View of by-product (ash) collection system facing west.

8. View of biomass energy facility facing northwest.

9. View of empty diesel AST facing west.

10. View of biomass energy facility facing northwest.

11. View of empty diesel AST facing west.

12. View of biomass energy facility facing north.

13. View of fuel transporting system facing northwest.

14. View of empty gasoline AST facing northeast.

15. View of southern property boundary facing west

16. View of ash pile area facing west.

17. View of empty 55-gallon barrels and various scrap metal facing west.

18. View of production well and various scrap metal facing northwest.

19. View of ash pile area and stockpiled soil facing west.

20. View of ash pile area and fuel transportation system facing north.

21. View of ash pile area and biomass energy facility facing northeast.

22. View of dirt road and western property boundary facing north.

23. View of stockpiled soil and western property boundary facing south.

24. View of dirt road and western property boundary facing north.

25. View of fire prevention hose facing south.

26. View of hydraulic lifts and energy biomass facility facing southeast.

27. View of below-grade hydraulic lifts facing south.

28. View of weigh station and office buildings facing east.

29. View of office building and associated weigh station facing southwest.

30. View of office building facing northwest.

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

PARTNER

14800 West Schulte Road

14800 West Schulte Road

Tracy, CA 95377

Inquiry Number: 5338184.8

June 21, 2018

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/21/18

Site Name:

14800 West Schulte Road
14800 West Schulte Road
Tracy, CA 95377
EDR Inquiry # 5338184.8

Client Name:

Partner Engineering and Science, Inc.
2154 Torrance Blvd, Suite 200
Torrance, CA 90501-0000
Contact: Colleen Tubridy

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	***Scale***	***Details***	***Source***
1937	1"=500'	Flight Date: September 17, 1937	USDA
1940	1"=500'	Flight Date: June 03, 1940	USDA
1949	1"=500'	Flight Date: October 13, 1949	USGS
1957	1"=500'	Flight Date: July 15, 1957	USDA
1963	1"=500'	Flight Date: June 01, 1963	USDA
1968	1"=500'	Flight Date: May 02, 1968	USGS
1975	1"=500'	Flight Date: November 11, 1975	Cartwright
1982	1"=500'	Flight Date: July 10, 1982	USDA
1993	1"=500'	Acquisition Date: June 15, 1993	USGS/DOQQ
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP

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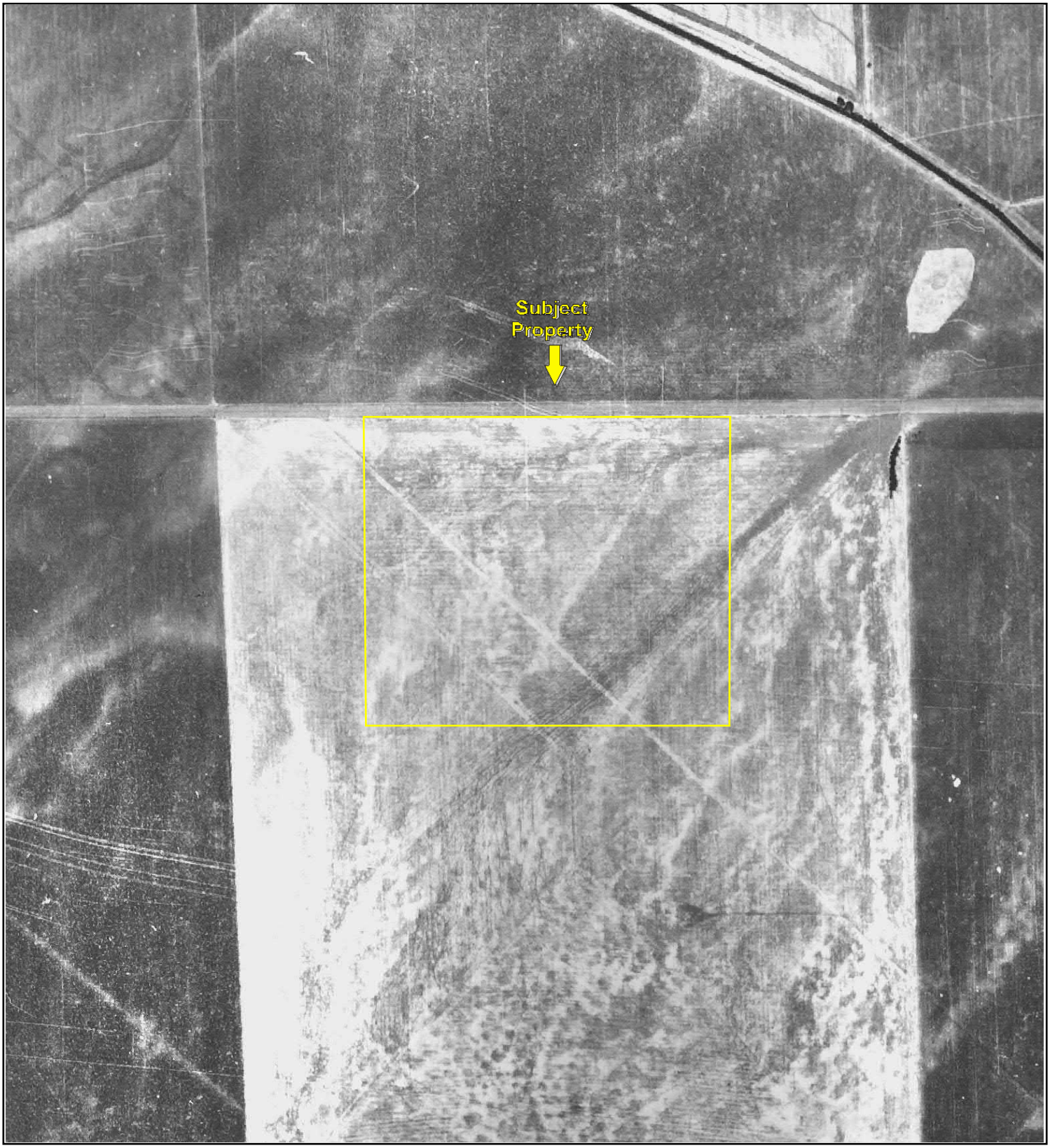

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Key: Subject Property

500 1000 2000

N

Key: Subject Property

Aerial Photograph Year: 1949

500 1000 2000

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Key: Subject Property

500 1000 2000

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Key: Subject Property

Aerial Photograph Year: 1963

500 1000 2000

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Key: Subject Property

Aerial Photograph Year: 1968

500 1000 2000

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Key: Subject Property

Aerial Photograph Year: 1975

500 1000 2000

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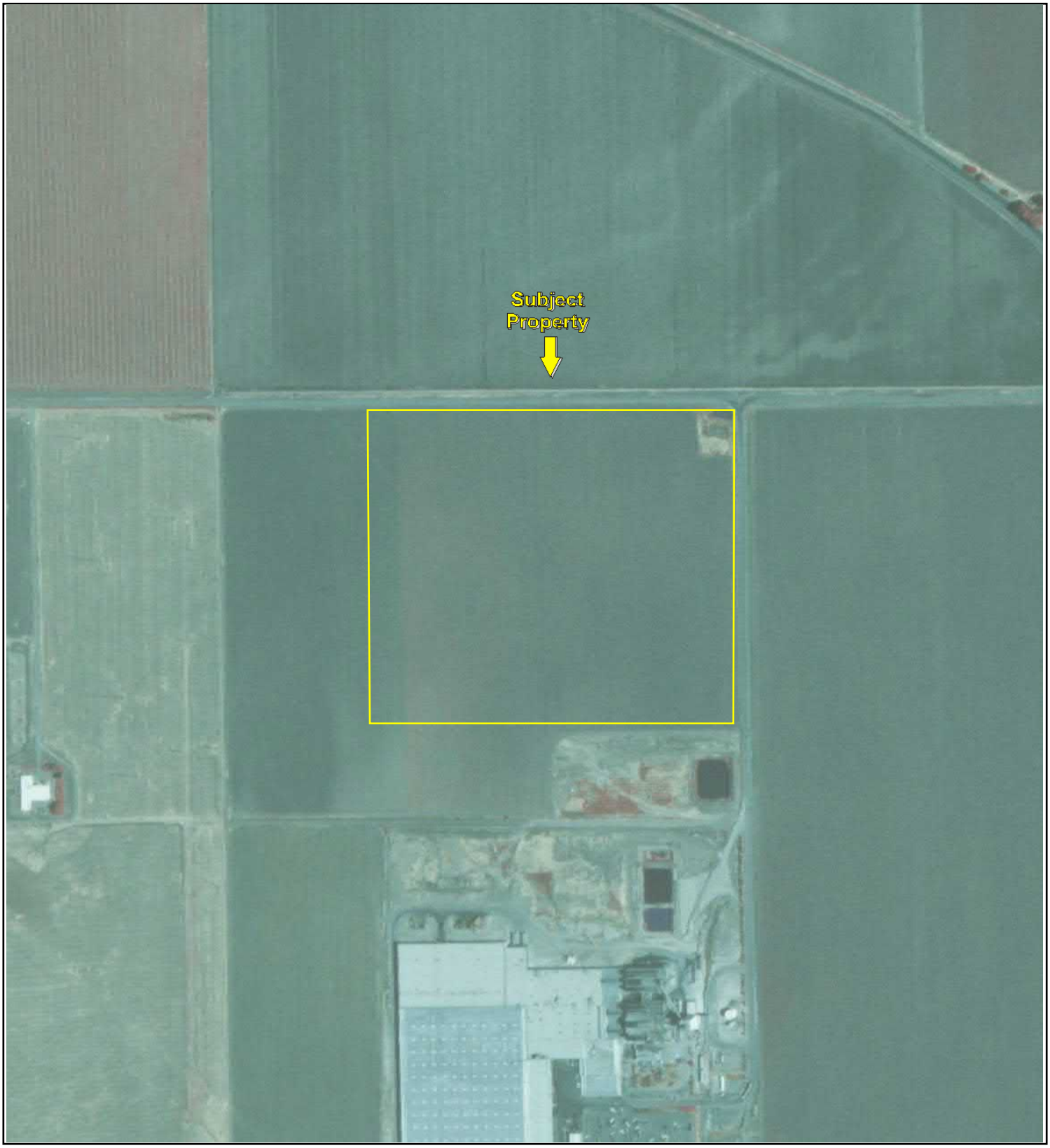
Key: Subject Property

Aerial Photograph Year: 1982



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Aerial Photograph Year: 1993

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Aerial Photograph Year: 2006

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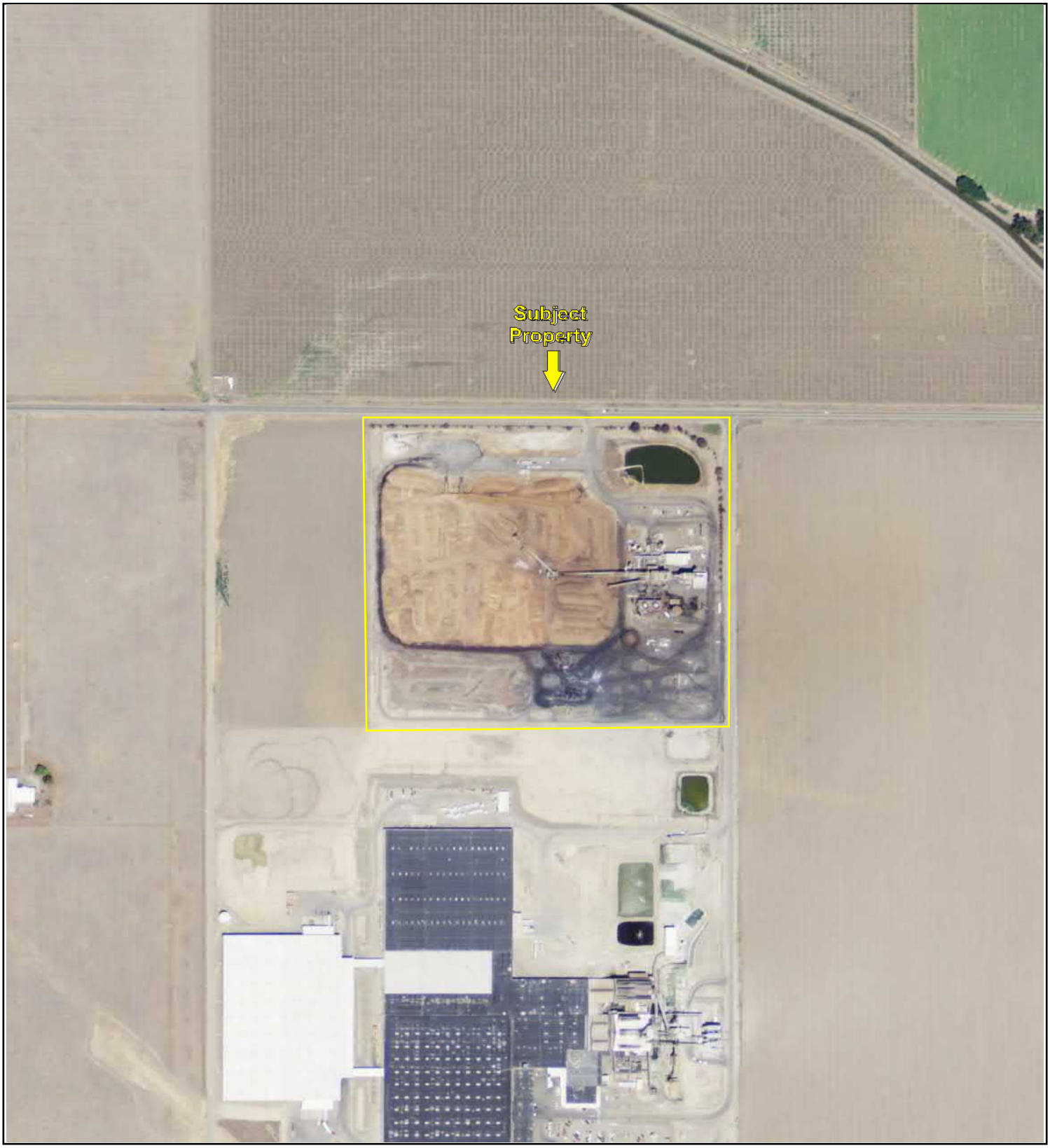
Key: Subject Property



500 1000 2000

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Key: Subject Property

Aerial Photograph Year: 2016

500 1000 2000

N

Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 18-217440.2

14800 West Schulte Road

14800 West Schulte Road

Tracy, CA 95377

Inquiry Number: 5338184.3

June 20, 2018

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/20/18

Site Name:	Client Name:
14800 West Schulte Road	Partner Engineering and Science, Inc.
14800 West Schulte Road	2154 Torrance Blvd, Suite 200
Tracy, CA 95377	Torrance, CA 90501-0000
EDR Inquiry # 5338184.3	Contact: Colleen Tubridy

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Partner Engineering and Science, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 885D-442F-8836

PO # NA

Project 18-217440.2

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 885D-442F-8836

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- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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14800 West Schulte Road
14800 West Schulte Road
Tracy, CA 95377

Inquiry Number: 5338184.5
June 21, 2018

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1985	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1975	☑	☐	Haines Criss-Cross Directory
1971	☐	☐	Polk's City Directory
1965	☐	☐	Polk's City Directory
1959	☐	☐	Polk's City Directory

FINDINGS

TARGET PROPERTY STREET

14800 West Schulte Road
Tracy, CA 95377

Year	CD Image	Source	
W SCHULTE RD			
2014	pg A1	EDR Digital Archive	
2010	pg A2	EDR Digital Archive	
2005	pg A3	EDR Digital Archive	
2000	pg A4	EDR Digital Archive	
1995	pg A5	EDR Digital Archive	
1992	pg A6	EDR Digital Archive	
1985	pg A7	Haines Criss-Cross Directory	
1980	pg A8	Haines Criss-Cross Directory	
1975	pg A9	Haines Criss-Cross Directory	
1971	-	Polk's City Directory	Street not listed in Source
1965	-	Polk's City Directory	Street not listed in Source
1959	-	Polk's City Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SCHULTE RD 2014

14590	GWF ENERGY LLC
14700	OWENS-BROCKWAY GLASS CONT INC
	OWENS-ILLINOIS INC
14800	THERMAL ENERGY DEV PARTNR LP
14950	GWF POWER SYSTEMS
	STAR WEST GENERATION LLC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SCHULTE RD 2010

14700	LILJA CORP
	OI CANADA
	OWENS-BROCKWAY GLASS CONT INC
	OWENS-ILLINOIS INC
	TRACEY GLASS PLANT
14800	THERMAL ENERGY DEV PARTNR LP

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SCHULTE RD 2005

14700 OWENS-BROCKWAY GLASS CONTAINER
OWENS-ILLINOIS INC
TRACEY GLASS PLANT
14800 TRACY OPERATORS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SCHULTE RD 2000

14700 OWENS-BROCKWAY GLASS CONTAINER
OWENS-ILLINOIS INC
14800 TRACY OPERATORS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SCHULTE RD 1995

14700 OWENS-BROCKWAY GLASS CONTAINER
OWENS-ILLINOIS INC
14800 TRACY OPERATORS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SCHULTE RD 1992

14700 OWENS-ILLINOIS INC
14800 TRACY OPERATORS

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W SCHULTE RD 1985

SCHULTE RD W 95376
TRACY

RURAL ROUTE 1

275	LATORRE BOB	836-5429	1
415B	MIDKIFF MIKE	836-5979	+5
500	SULLIVAN DEAN	836-4785	2
150	FILIPPINI C L	835-4043	2
7750	POTTER ERIC	835-5192	9
7818	ALVAREZ PETER	835-1411	
8235	CARDOZA LYNN	835-8677	9
8567	MATTOS B R	835-0306	3
	MATTOS EQUIP TRANS	835-6609	6
	MATTOS RICHARD N	835-0385	
8606	ALVAREZ JOE JR	835-3082	
8842	BARNARD GARDENS	835-7358	
	BERNARD GARDENS	835-7358	2
8898	XXXX	00	
8966	GRAHAM JAS	836-4289	2
10091	XXXX	00	
10151	XXXX	00	
10255	XXXX	00	
10268	XXXX	00	
12355	BEZIO RAYMOND	835-1937	0
	MOITOSO G P	835-0271	
12359	XXXX	00	
12763	SCOTT BYFORD	835-9348	8
12770	MONIZ R L	835-4761	
12775	XXXX	00	
12780	MONIZ MARK	835-5838	7
14700	OWENS IL GLSS CNTNR	835-5701	7
16502	INGHAM R JAMES	836-1028	9
NO #	US TRANSP FAA	835-4379	2
★	5 BUS 24 RES	1 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W SCHULTE RD 1980

..SCHULTE RD W		95376 CONT..	
10255	XXXX	00	
10268	AYALA JESS JR	835-3473	
12355	BEZIO RAYMOND	835-1937	+0
	MOITOSO G P	835-0271	
12359	XXXX	00	
12763	SCOTT BYFORD	835-9348	8
12770	MONIZ R L	835-4761	
12775	XXXX	00	
12780	MONIZ MARK	835-5838	7
14700	OWENS ILLINOIS GLSS	835-5701	7
16502	INGHAM R JAMES	836-1028	9
NO #	UNITED ST TRNSP FAA	835-4379	2
★	5 BUS 21 RES	3 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W SCHULTE RD 1975

SCHULTE RD W 95376 TRACY

RURAL ROUTE 1

7750	POTTER ERIC	835-5445 4
7818	ALVAREZ PETER	835-1411
8235	YOUNG HERSHEL	835-2156+5
8567	MATTOS B R	835-0306 3
	MATTOS RICHARD N	835-0385
8606	ALVAREZ JOE JR	835-3082
8842	XXXX	00
8898	*BARNARD GARDENS	835-7358 2
	*BERNARD GARDENS	835-7358 2
8966	MCLAUGHLIN L JR	835-8906+5
9940	FILIPPINI C L	835-4043
10091	BLACK HOWARD P	835-3625 3
10255	LOURENCE FRANK	835-6378+5
10268	AYALA JESS JR	835-3473
12355	MOITOSO G P	835-0271
12359	VILLAGOMEZ EUSEBIO	835-1255
12770	MONIZ R L	835-4761
12775	MONIZ MARK	835-5838+5
14700	*OWEN ILLINOIS GLASS	835-5701 2
NO #	*U S GOVT TRANSPORTN	835-4379 2

* 4 BUS 16 RES 4 NEW

14800 West Schulte Road

14800 West Schulte Road

Tracy, CA 95377

Inquiry Number: 5338184.4

June 20, 2018

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

06/20/18

Site Name:	Client Name:
14800 West Schulte Road	Partner Engineering and Science, Inc.
14800 West Schulte Road	2154 Torrance Blvd, Suite 200
Tracy, CA 95377	Torrance, CA 90501-0000
EDR Inquiry # 5338184.4	Contact: Colleen Tubridy

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Partner Engineering and Science, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	NA	**Latitude:**	37.719868 37° 43' 12" North
Project:	18-217440.2	**Longitude:**	-121.490479 -121° 29' 26" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	633038.37
		UTM Y Meters:	4175806.87
		Elevation:	126.65' above sea level

Maps Provided:

1916
1922
1942
1947
1953, 1954
1968
1980, 1981
2012

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1916 Source Sheets

Tracy
1916
7.5-minute, 31680

Midway
1916
7.5-minute, 31680

1922 Source Sheets

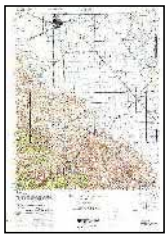
Carbona
1922
15-minute, 62500

1942 Source Sheets

Altamont
1942
15-minute, 62500
Aerial Photo Revised 1937

Carbona
1942
15-minute, 62500
Aerial Photo Revised 1937

1947 Source Sheets



CARBONA
1947
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953, 1954 Source Sheets

Midway
1953
7.5-minute, 24000
Aerial Photo Revised 1950

Tracy
1954
7.5-minute, 24000
Aerial Photo Revised 1949

1968 Source Sheets

Midway
1968
7.5-minute, 24000
Aerial Photo Revised 1968

Tracy
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1980, 1981 Source Sheets

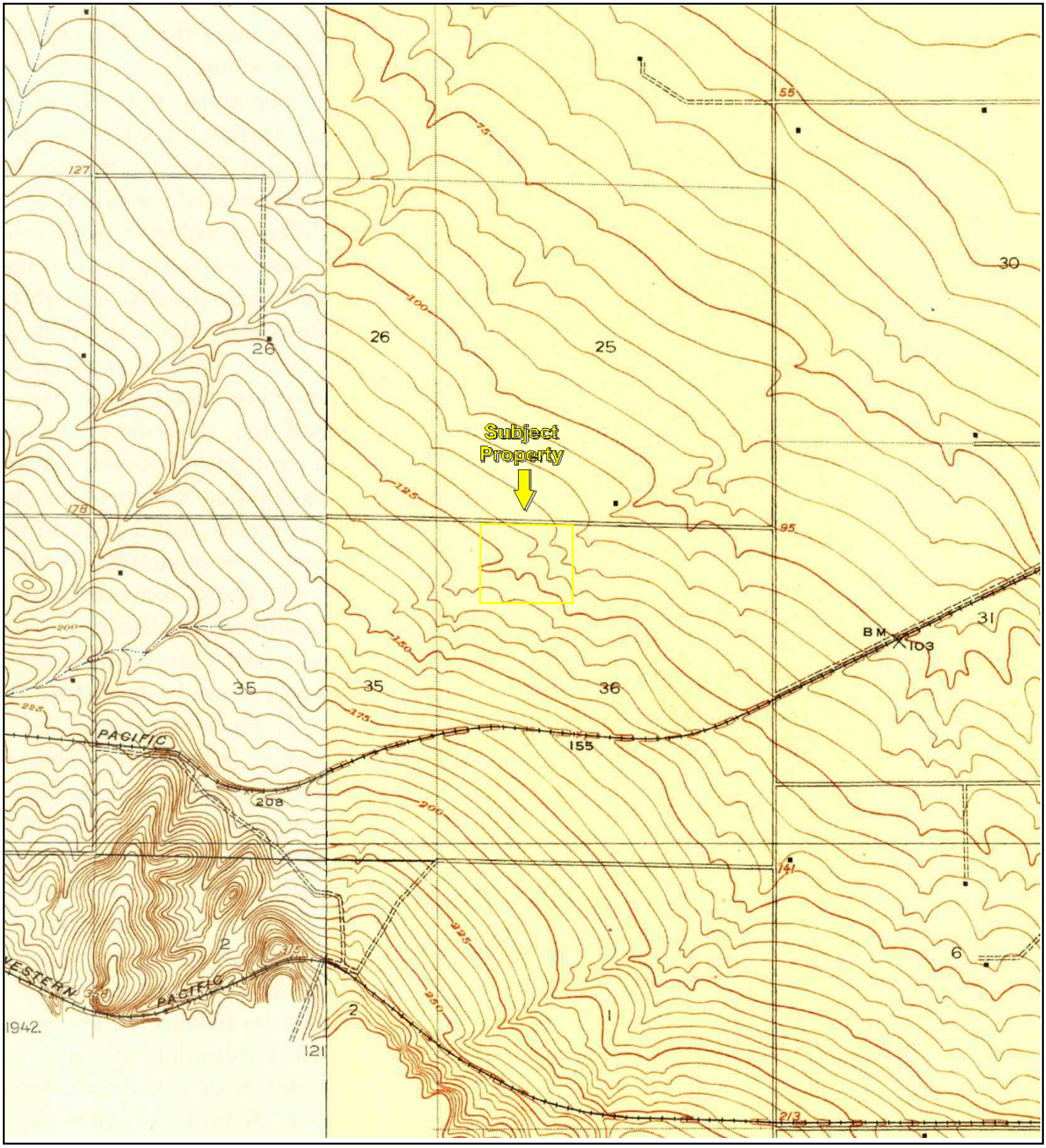
Midway
1980
7.5-minute, 24000
Aerial Photo Revised 1978

Tracy
1981
7.5-minute, 24000
Aerial Photo Revised 1978

2012 Source Sheets

Midway
2012
7.5-minute, 24000

Tracy
2012
7.5-minute, 24000



TP, Tracy, 1916, 7.5-minute
SW, Midway, 1916, 7.5-minute

0 Miles 0.25 0.5 1 1.5

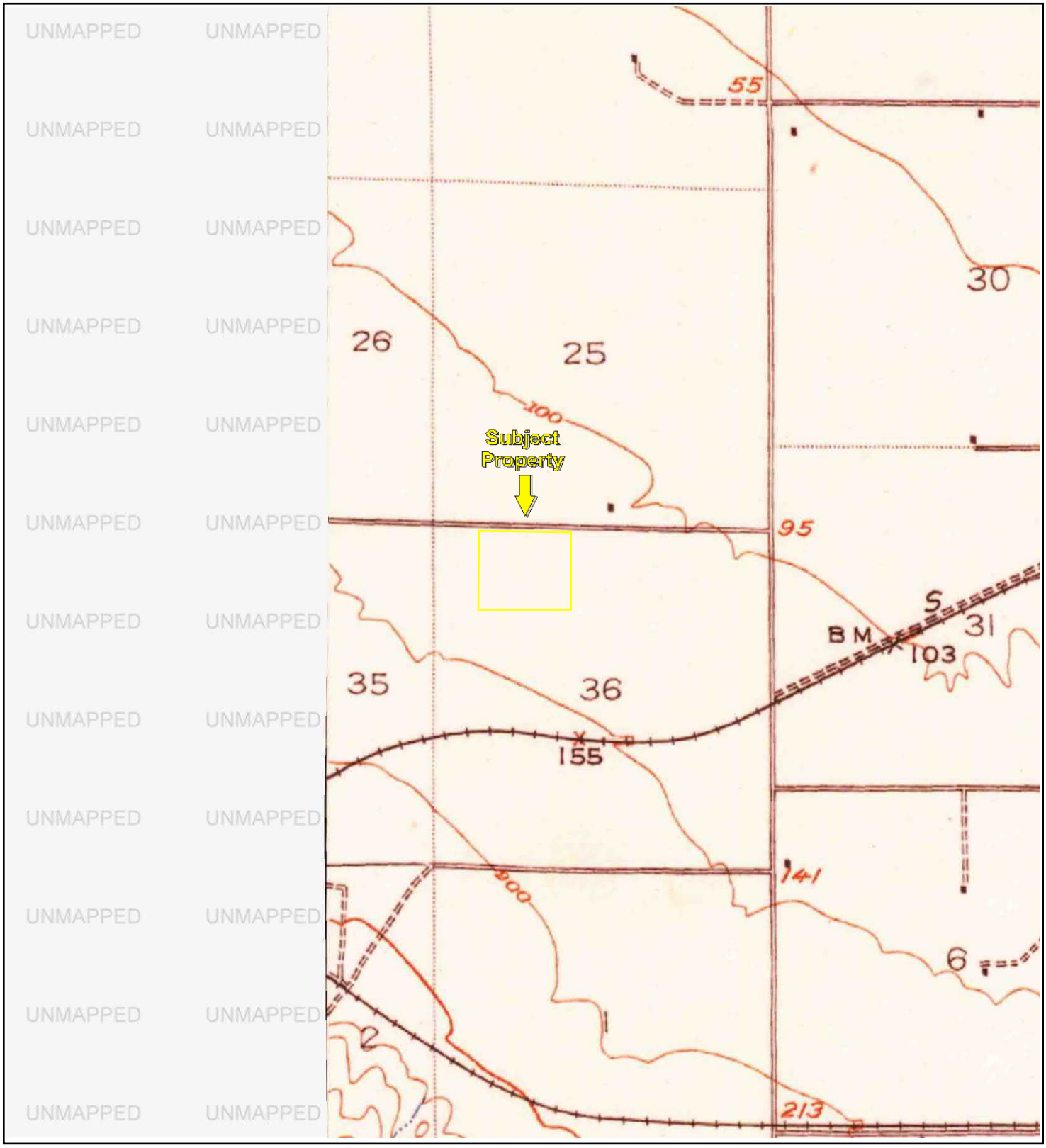
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-217440.2

PARTNER



TP, Carbona, 1922, 15-minute

0 Miles 0.25 0.5 1 1.5

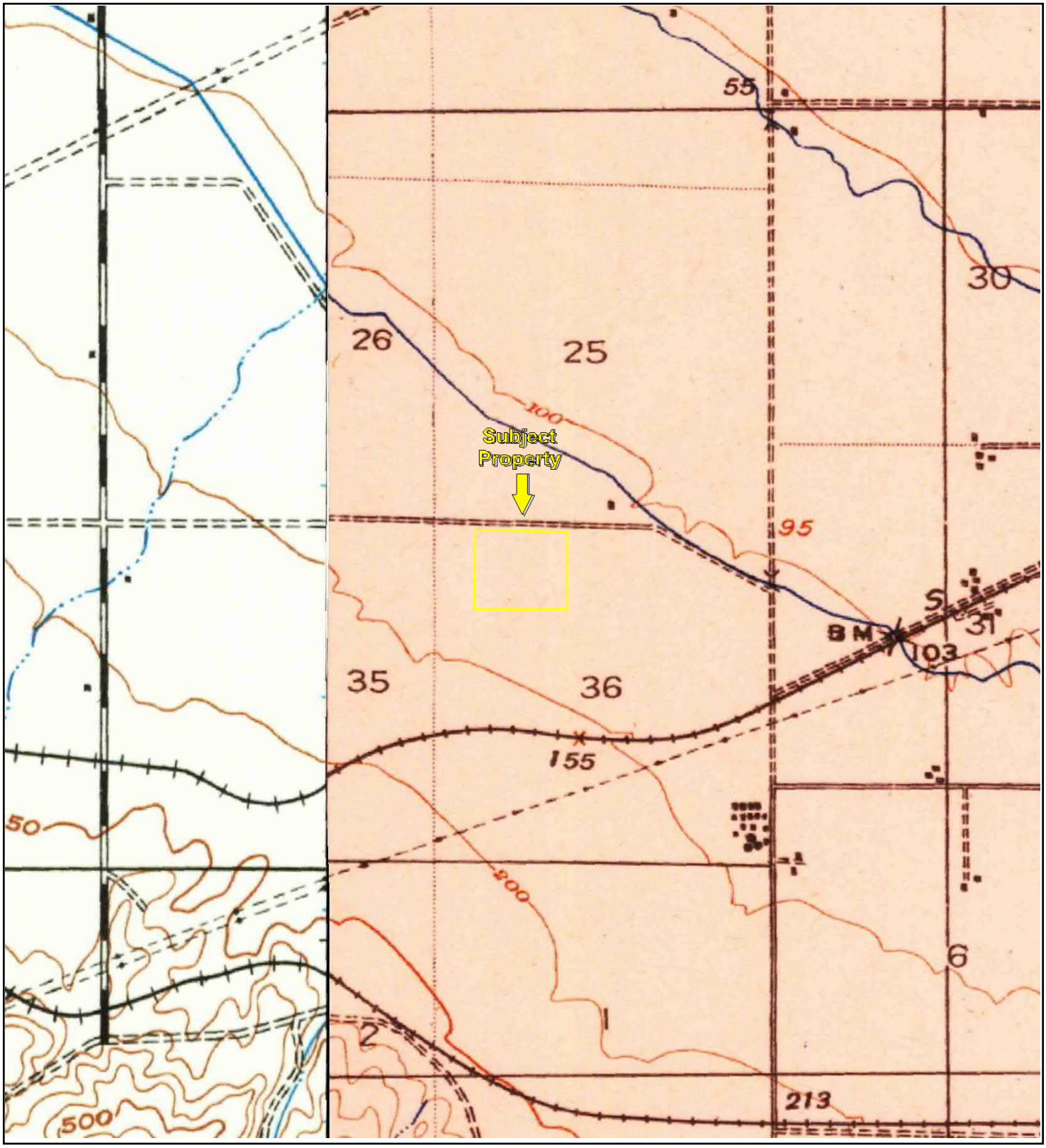
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-217440.2

PARTNER



TP, Carbona, 1942, 15-minute
SW, Altamont, 1942, 15-minute

0 Miles 0.25 0.5 1 1.5

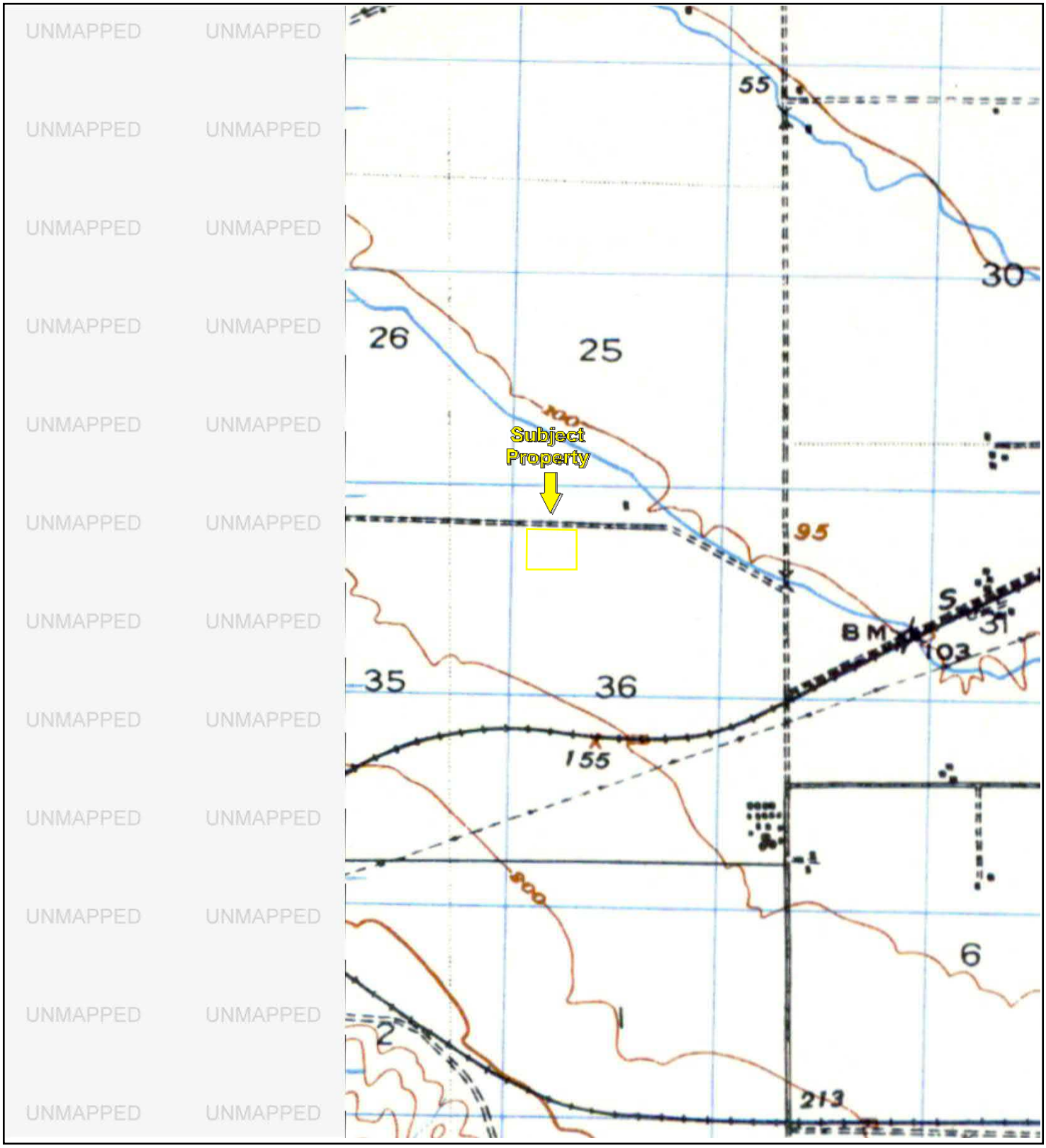
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-217440.2

PARTNER



TP, CARBONA, 1947, 15-minute

0 Miles 0.25 0.5 1 1.5

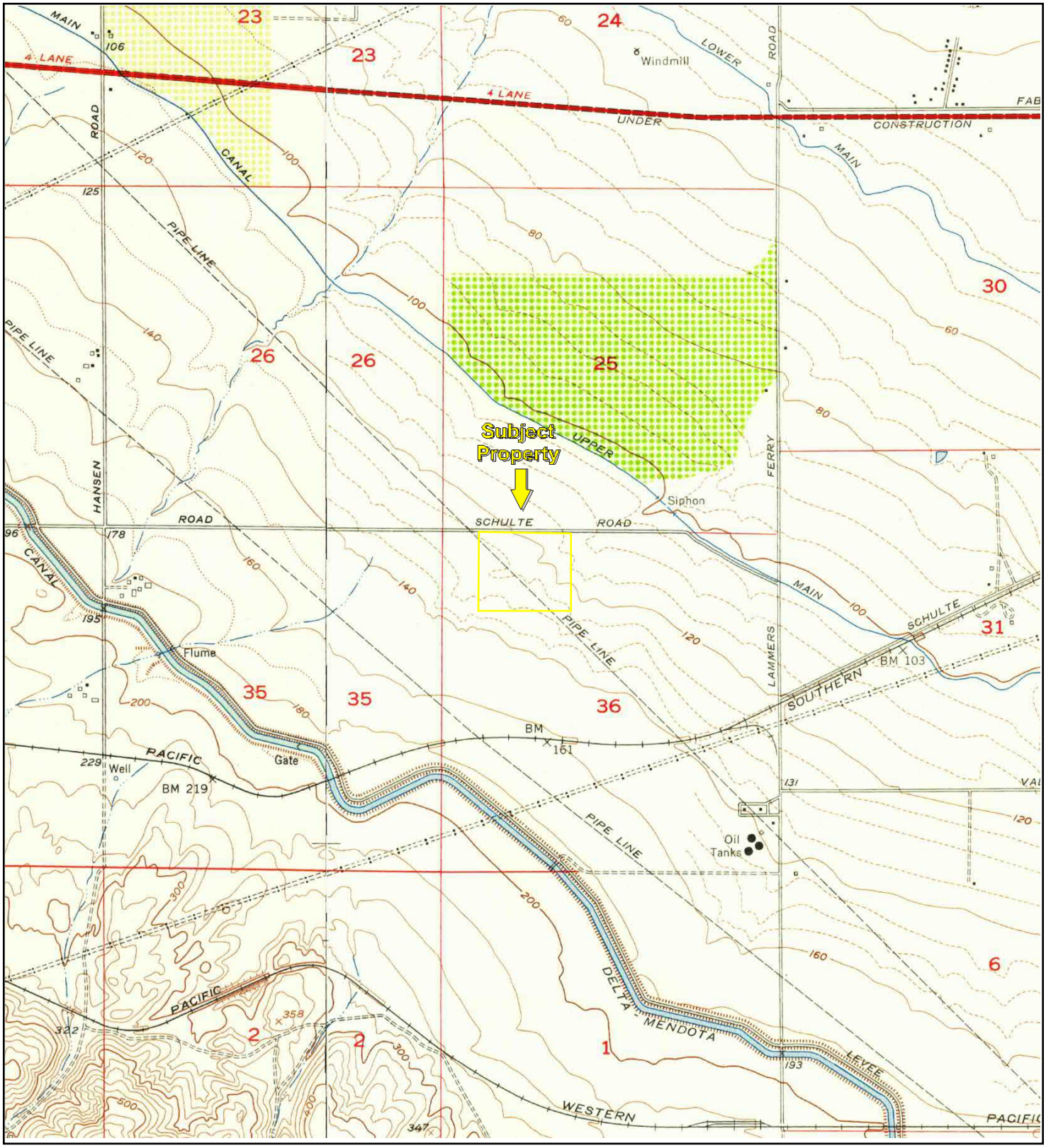
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-217440.2

PARTNER



TP, Tracy, 1954, 7.5-minute
SW, Midway, 1953, 7.5-minute

0 Miles 0.25 0.5 1 1.5

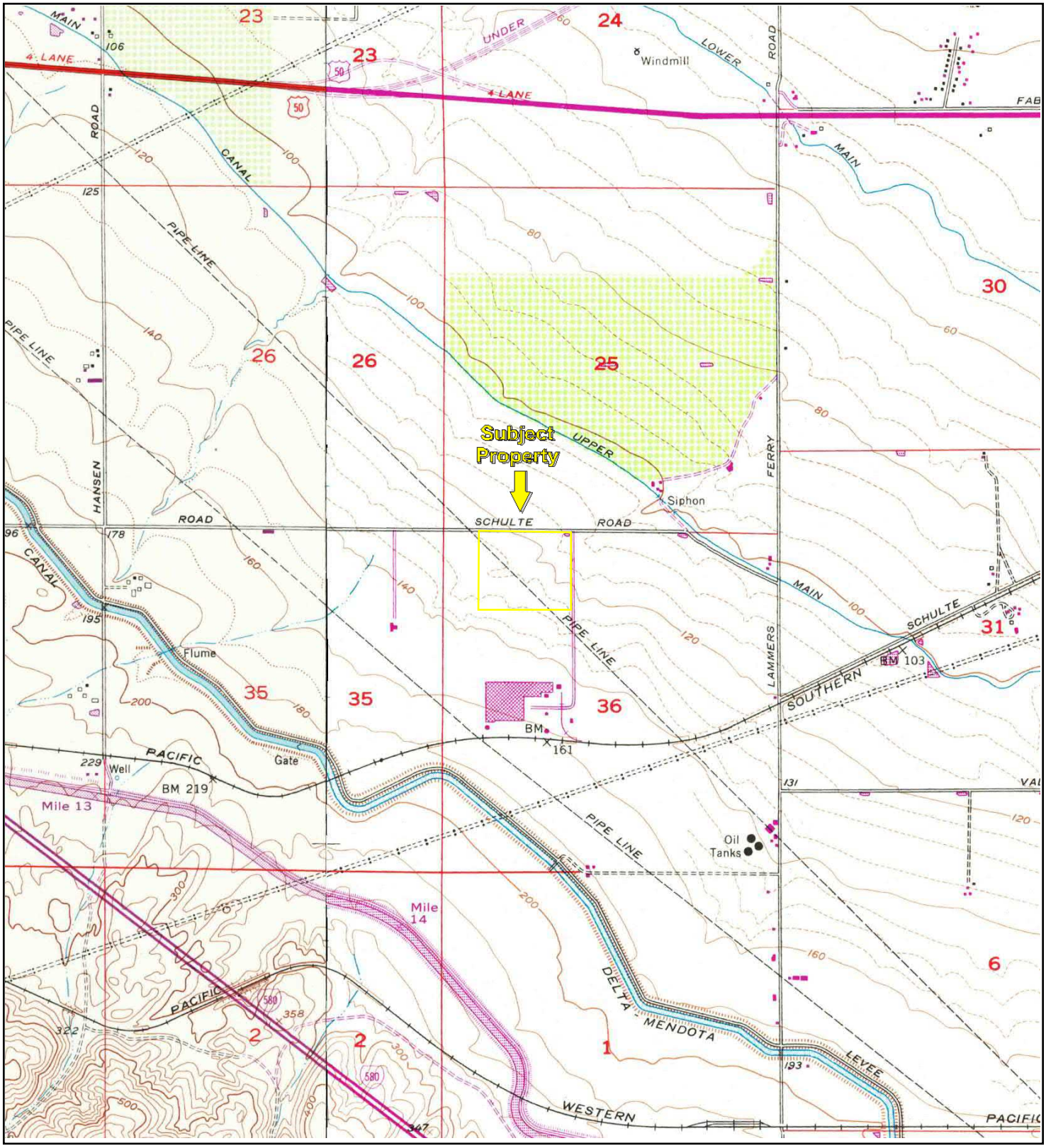
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-217440.2

PARTNER



TP, Tracy, 1968, 7.5-minute
SW, Midway, 1968, 7.5-minute

0 Miles 0.25 0.5 1 1.5

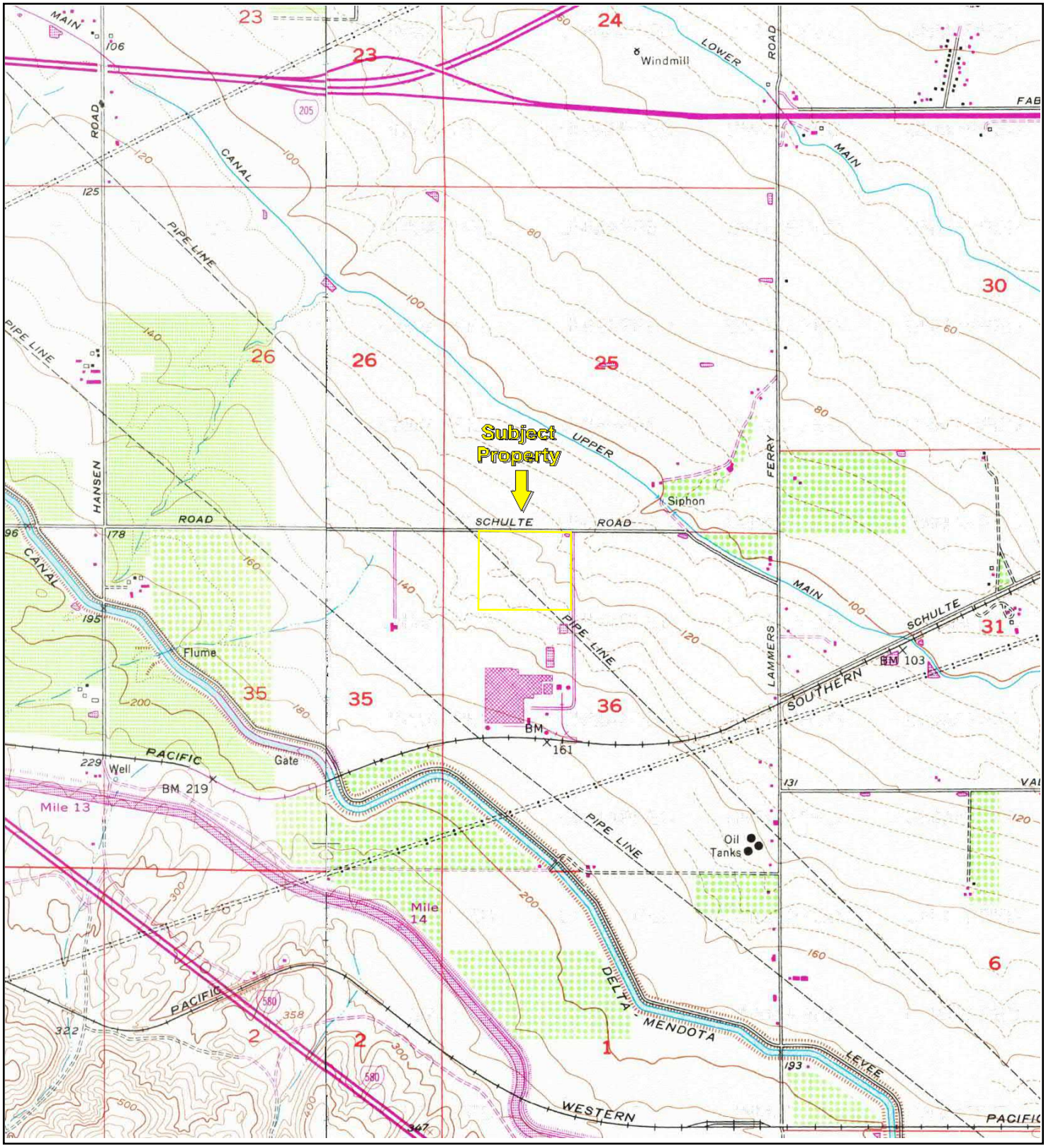
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-217440.2

PARTNER



TP, Tracy, 1981, 7.5-minute
SW, Midway, 1980, 7.5-minute

0 Miles 0.25 0.5 1 1.5

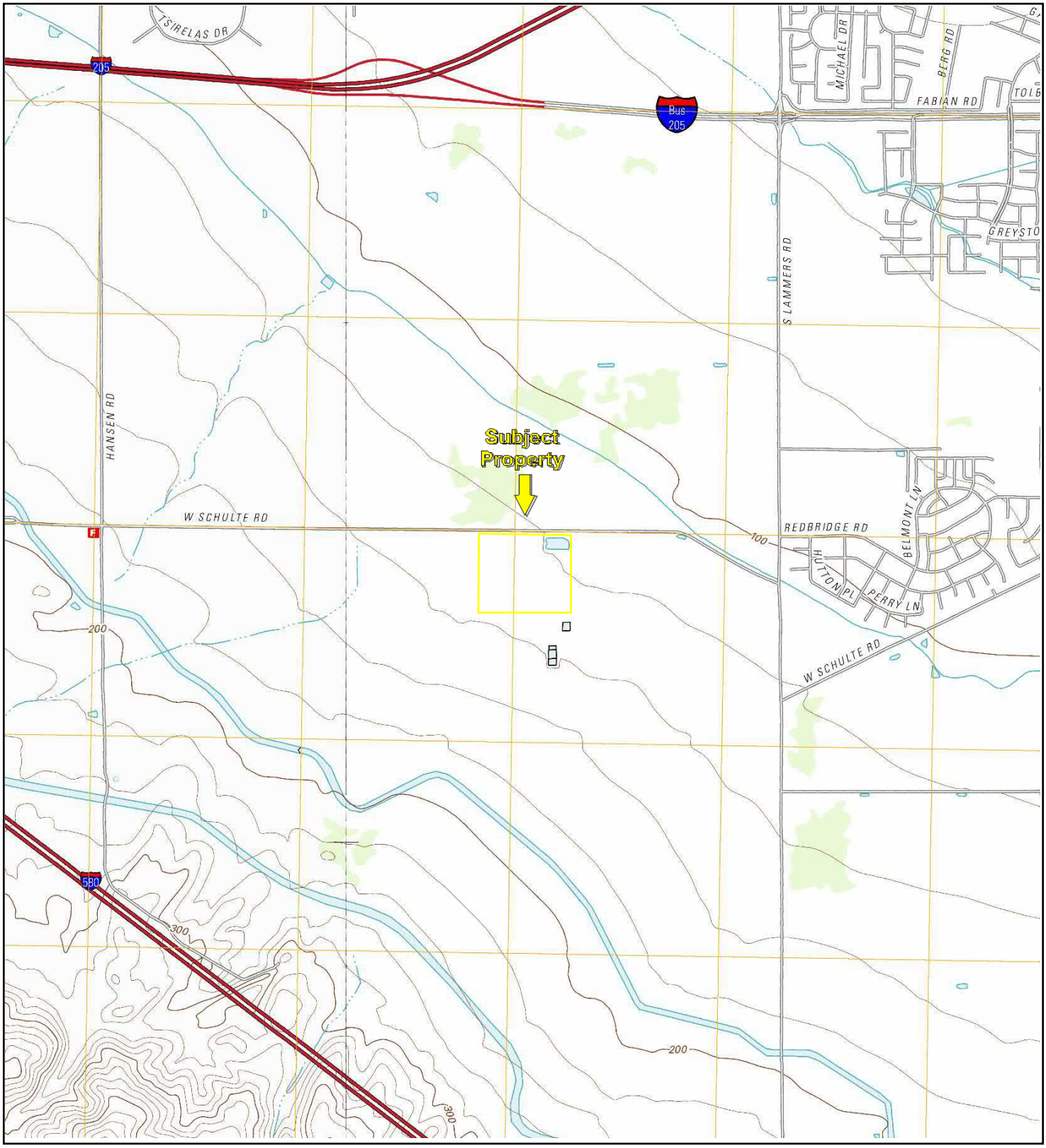
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-217440.2

PARTNER



TP, Tracy, 2012, 7.5-minute
SW, Midway, 2012, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-217440.2

PARTNER

3520 Brookside Road, Suite 151
Stockton, California 95219
Office Phone: (209)956-6282
Office Fax: (209)390-4731

Escrow Officer Email: JenandKat@nat.com

North American Title Company, Inc.
3520 Brookside Road, Suite 151
Stockton, CA 95219

Attention: Jennifer Patino /Kathleen Maynard

Our Order No. 1505579

Property Address: 14800 W Schulte Rd,
Tracy, California 95377

Preliminary Report Dated as of May 10, 2017 at 7:30 A.M.

In response to the above referenced application for a Policy of Title Insurance,

North American Title Insurance Company

Hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and limitations on covered risks of said Policy or Policies are set forth in Exhibit A attached. The Policy to be issued may contain an Arbitration Clause. When the amount of insurance is less than that set forth in the Arbitration Clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the Parties. Limitations on covered risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a deductible amount and a maximum dollar limit of liability for certain coverages are also set forth in Exhibit A. Copies of the Policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

The form of Policy of title insurance contemplated by this report is: ALTA Extended Loan Policy and CLTA Standard Coverage Owners Policy

Please note that the America First Homeowner's Policy (CLTA/ ALTA Homeowner's Policy) can only be issued on transactions involving individuals as purchasers and residential 1-4 properties. Any indication that the America First Homeowner's Policy (CLTA/ ALTA Homeowner's Policy) will be issued in a transaction that does not meet these criteria is hereby revised to state that the policy contemplated is a Standard Coverage Policy.

Pam Duerr, Title Officer

SCHEDULE A

1. The estate or interest in the land hereinafter described or referred to covered by this report is:

   A fee as to Parcel(s) One, an easement as to Parcel(s) Two, Three, Four.

2. Title to said estate or interest at the date hereof is vested in:

   THERMAL ENERGY DEVELOPMENT PARTNERSHIP, L.P., A DELAWARE LIMITED PARTNERSHIP

3. The Land referred to in this report is situated in the unincorporated area of the County of San Joaquin, State of California, described as follows:

See attached Legal Description

LEGAL DESCRIPTION

Real property in the unincorporated area of the County of San Joaquin, State of California, described as follows:

PARCEL ONE:

A PORTION OF THE WEST HALF OF SECTION 36, TOWNSHIP 2 SOUTH, RANGE 4 EAST, MOUNT DIABLO BASE AND MERIDIAN, ACCORDING TO THE OFFICIAL PLAT THEREOF, DESCRIBED AS FOLLOWS:

PARCEL A, AS SHOWN ON THAT CERTAIN PARCEL MAP FILED FOR RECORD FEBRUARY 10, 1988 IN BOOK 15 OF PARCEL MAPS, PAGE 118, SAN JOAQUIN COUNTY RECORDS.

EXCEPT THEREFROM THAT PORTION CONVEYED TO THE COUNTY OF SAN JOAQUIN BY DEED RECORDED NOVEMBER 7, 1989 AS INSTRUMENT NO. 89104038, SAN JOAQUIN COUNTY RECORDS.

PARCEL TWO:

A NON-EXCLUSIVE EASEMENT FOR THE PURPOSE OF CONSTRUCTING, RECONSTRUCTING, OPERATING, MAINTAINING AND REMOVING THEREFROM A PIPELINE FOR DRAINAGE PURPOSES AT A DEPTH FROM THE TOP OF SAID PIPELINE TO THE GROUND SURFACE OF AT LEAST 30 INCHES AND FOR THE PURPOSE OF CONSTRUCTING, RECONSTRUCTING AND MAINTAINING AN OPEN DITCH FOR DRAINAGE PURPOSES, TOGETHER WITH THE RIGHT TO ENTER UPON SAID EASEMENT FOR THE PURPOSE OF CONSTRUCTING, MAINTAINING AND REPAIRING SAID PIPELINE AND SAID OPEN DITCH AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SECTION 36, TOWNSHIP 2 SOUTH, RANGE 4 EAST, MOUNT DIABLO BASE AND MERIDIAN; RUNNING THENCE SOUTH 89° 27‘ 32" EAST, A DISTANCE OF 2051.25 FEET; RUNNING THENCE SOUTH 0° 00‘ 19" WEST, A DISTANCE OF 45.0 FEET TO POINT OF BEGINNING; THENCE SOUTH 89° 27' 32“ EAST, A DISTANCE OF 1661.69 FEET; THENCE NORTH 57° 56‘ 32" EAST, A DISTANCE OF 27.54 FEET TO THE SOUTHERLY LINE OF SCHULTE ROAD; THENCE ALONG SAID LINE SOUTH 89º 27' 32" EAST, A DISTANCE OF 27.54 FEET; THENCE SOUTH 57° 56‘ 32" WEST 55.08 FEET; THENCE NORTH 89° 27‘ 32“ WEST A DISTANCE OF 1665.99 FEET; THENCE NORTH 0° 00' 19" EAST A DISTANCE OF 15.00 FEET TO THE POINT OF BEGINNING.

PARCEL THREE:

A NON-EXCLUSIVE EASEMENT FOR THE PURPOSE OF CONSTRUCTING, RECONSTRUCTING, OPERATING, MAINTAINING AND REMOVING THEREFROM A PIPELINE FOR DRAINAGE PURPOSES AT A DEPTH FROM THE TOP OF SAID PIPELINE TO THE GROUND SURFACE OF AT LEAST 30 INCHES AND FOR THE PURPOSE OF CONSTRUCTING, RECONSTRUCTING AND MAINTAINING AN OPEN DITCH FOR DRAINAGE PURPOSES, TOGETHER WITH THE RIGHT TO ENTER UPON SAID EASEMENT OF THE PURPOSE OF CONSTRUCTING, MAINTAINING AND REPAIRING SAID PIPELINE AND SAID OPEN DITCH AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SECTION 36, TOWNSHIP 2 SOUTH, RANGE 4 EAST, MOUNT DIABLO BASE AND MERIDIAN; RUNNING THENCE SOUTH 89° 27' 32" EAST A DISTANCE OF 2091.25 FEET; RUNNING THENCE SOUTH A DISTANCE OF 45.0 FEET IN THE TRUE POINT OF BEGINNING; THENCE NORTH 89° 27' 32" WEST 50.00 FEET; THENCE SOUTH 15.00 FEET; THENCE SOUTH 89° 27’ 32" EAST 50.00 FEET; THENCE NORTH 15.00 FEET TO THE TRUE POINT OF BEGINNING.

PARCEL FOUR:

AN EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF ELECTRICAL FACILITIES FOR THE TRANSMISSION OF ELECTRIC ENERGY CROSSING THE "REMAINDER PARCEL" AS SHOWN ON THE PARCEL MAP, FILED FOR RECORD IN BOOK 15 OF PARCEL“ MAPS, AT PAGE 118, LYING WITHIN THE WEST ONE-HALF (W 1/2) OF SECTION THIRTY-SIX (36), TOWNSHIP TWO (2) SOUTH, RANGE FOUR (4) EAST, MOUNT DIABLO BASE AND MERIDIAN, COUNTY OF SAN JOAQUIN, STATE OF CALIFORNIA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE EASTERLY LINE OF SAID “REMAINDER PARCEL", SAID POINT BEARING NORTH 687 FEET AND EAST SO FEET FROM THE SOUTHEAST CORNER OF PARCEL A AS SHOWN ON THE ABOVE REFERENCED PARCEL MAP; THENCE FOR THE PERIMETER OF SAID EASEMENT SOUTH 2,032 FEET, THENCE WEST 200 FEET; THENCE NORTH 12 FEET; THENCE EAST 188 FEET; THENCE NORTH ALONG A LINE 12 FEET WESTERLY AT RIGHT ANGLES TO AND PARALLEL WITH THE EAST LINE OF SAID ‘REMAINDER PARCEL“ 2,008 FEET, THENCE WEST 38 FEET TO A POINT IN THE EASTERLY LINE OF PARCEL A AS SHOWN ON SAID PARCEL MAP; THENCE ALONG SAID EASTERLY LINE NORTH 12 FEET; THENCE LEAVING SAID EASTERLY LINE EAST 50 FEET TO THE POINT OF BEGINNING.

APN: **209-240-23**

SCHEDULE B

At the date hereof exceptions to coverage in addition to the printed exceptions and exclusions in the policy form designated on the face page of this report would be as follows:

1. General and special taxes and assessments for the fiscal year 2017-2018, a lien not yet due or payable.

2. Taxes for proration purposes only for the fiscal year 2016-2017.

First Installment:	$18,667.17, PAID
Second Installment:	$18,667.17, PAID
Tax Rate Area:	092-002
APN:	209-240-23

3. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

4. The lien of bonds and assessment liens, if applicable, collected with the general and special taxes.

5. An easement for drainage pipe line and incidental purposes, recorded January 3, 1961 as Book 2369, Page 259 of Official Records.

   In Favor of: Gabriel Moitoso, F. Lloyd Hughes and Gwendolyn Steindorf, a partnership

   Affects: Northerly boundary

6. A. The effect of the following recital as contained in that certain Grant of Easement recorded May 21, 1965 in Book 2947, page 140 of Official Records:

   “It is understood that grantor has only a revocable license from the West Side Irrigation District to permit water ?owing across said easement to enter the canal of said District."

   B. Any assertion that said easement may be overburdened by reason of the subdivision of the dominant tenement in the above referenced Grant of Easement.

7. The terms and provisions contained in the document entitled "Grant of Easement" recorded September 22, 1988 as Instrument No. 88080325 of Official Records.

   Affects Parcel Four.

8. An easement for drainage basin, ditch and incidental purposes, recorded September 22, 1988 as Instrument No. 88080326 of Official Records.

   In Favor of: Owens-Illinois Glass Container Inc., a Delaware corporation

   Affects: Easterly portion

9. The terms and provisions contained in the document entitled "Memorandum of Purchase Agreement" recorded September 22, 1988 as Instrument No. 88080327 of Official Records.

   Document(s) declaring modifications thereof recorded November 7, 1989 as Instrument No. 89104034 of Official Records.

10. The terms and provisions contained in the document entitled "Memorandum and Amendment of Power Sales Agreement" recorded September 22, 1988 as Instrument No. 88080328 of Official Records.

Document(s) declaring modifications thereof recorded November 7, 1989 as Instrument No. 89104035 of Official Records.

11. An easement for line of poles and incidental purposes, recorded March 1, 1989 as Instrument No. 89017519 of Official Records.

In Favor of: Pacific Gas and Electric Company

Affects: Northeasterly portion

A Correction Deed recorded September 14, 1989 as Instrument No. 89084395 of Official Records.

Terms and provisions contained in the above document.

12. An easement for gas pipes and incidental purposes, recorded September 14, 1989 as Instrument No. 89084394 of Official Records.

In Favor of: Pacific Gas and Electric Company

Affects: Southeasterly portion

Terms and provisions contained in the above document.

13. A Deed of Trust to secure an original indebtedness of $2,000,000.00 recorded July 1, 2013 as Instrument No. 2013-086077 of Official Records.

Dated: June 25, 2013

Trustor: Thermal Energy Development Partnership, L.P., a Delaware limited partnership

Trustee: First American Title Insurance Company

Beneficiary: Greenleaf Investment Holdings II LLC, a Delaware limited liability company

14. With respect to Thermal Energy Development Partnership, L.P., a Delaware limited partnership:
a. That a certified copy of the application for registration, foreign limited partnership (form LP-5) and any amendments thereto (form LP-6) be recorded in the public records;
b. A full copy of the partnership agreement and any amendments;
c. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
d. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.

15. **Notice: If an ALTA Extended Lender's Policy is to be issued, the following exceptions will appear:**

Any rights, interests, or claims of parties in possession of the land not shown by the public records.

16. Unrecorded matters which may be disclosed by an Owner's Affidavit or Declaration. A form of the Owner's Affidavit/Declaration is attached to this Preliminary Report/Commitment. This Affidavit/Declaration is to be completed by the record owner of the land and submitted for review prior to the closing of this transaction. Your prompt attention to this requirement will help avoid delays in the closing of this transaction. Thank you.

The Company reserves the right to add additional items or make further requirements after review of the requested Affidavit/Declaration.

********** END OF REPORT **********

* * * * * N O T E S * * * * *

1. Notice of change in ownership recording procedure

   Effective July 1, 1985 pursuant to state law as amended January 1, 2011 (Section 480.3 of the Revenue and Taxation Code), all Deeds and other Documents that reflect a change in ownership must be accompanied by a Preliminary Change of Ownership Report to be completed by the transferee.

   If this special report is not presented at the time of recording, an additional recording fee of $20.00, as required by law, will be charged.

   Preliminary Change in Ownership forms, instructions on how to complete them, and a non-exclusive list of documents that are affected by this change, are available from the County Recorder's Office or the Office of the County Assessor.

2. GOOD FUNDS LAW

   Under Section 12413.1 of the California Insurance Code, North American Title Company, Inc. may only make funds available for disbursement in accordance with the following rules:

   Same day availability. Disbursement on the date of deposit is allowed only when funds are deposited to North American Title Company, Inc. by Cash or Electronic Transfer (Wire). Cash will be accepted only under special circumstances and upon approval by management.

   Next business day availability. If funds are deposited to North American Title Company, Inc. by cashier's checks, certified checks or teller's checks, disbursement may be on the next business day following deposit. A "teller's check" is one drawn by an insured financial institution against another insured financial institution (e.g., a savings and loan funding with a check drawn against a FDIC insured bank).

   Second business day availability. If the deposit is made by checks other than those described in paragraphs 1 and 2 above, disbursement may occur on the day when funds must be made available to depositors under Federal Reserve Regulation CC. In most cases, these checks will be available on the second business day following deposit. (For further details, consult California Insurance Code Section 12413, et seq. and Regulation CC).

   These are the minimum periods before funds will be made available. North American Title Company, Inc. is not obligated to disburse funds at the expiration of the time periods above, and expressly reserves the right to require additional time before disbursing on deposited funds. Close of escrow and final disbursement will not be made based on deposits in the form of personal checks, corporate checks, credit union checks, money market checks, travelers checks and official checks until confirmation of final clearance of the funds.

   North American Title Company, Inc. will not be responsible for accruals of interest or other charges resulting from compliance with the disbursement restrictions imposed by state law.

3. North American Title Company, Inc.'s charges for recording the transaction documents include charges for services performed by North American Title Company, Inc., in addition to an estimate of payments to be made to governmental agencies.

4. Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable

matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

5. The map attached, if any, may or may not be a survey of the land depicted hereon. North American Title Company, Inc. expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

OWNER'S DECLARATION

The undersigned Owner(s) of legal age, being duly sworn, deposes and states under penalty of perjury under the laws of the State of California.

1. That certain real property (the"Property") as described in that certain Commitment of Title Insurance/Preliminary Report No. 55805-1505579-17 dated as of May 10, 2017 ("Commitment/Report") issued by or on behalf of North American Title Company, Inc. ("North American Title Company, Inc.") is improved by the following (check all that apply):

- ☐ Single family residences
- ☐ One-to-four family residences
- ☐ Apartment building
- ☐ Office building
- ☐ Commercial building
- ☐ Combination office/commercial building
- ☐ Industrial building
- ☐ Vacant Land
- ☐ Other: _____

2. WORK OF IMPROVEMENT: Please respond to A, B and C below:

A. For the period of 90-days prior to the date of this Affidavit, no repairs or work of improvement has been conducted on, nor any materials supplied to, the Property except as follows:

_____

_____

_____

(Enter "None" if such is true.)

If you have described any work of improvement above, please complete the following:

- ☐ Started on _____, 20_____.
- ☐ Completed on _____, 20_____.
- ☐ Will be completed on _____, 20_____.

B. Cessation of Labor (Please place an "X" by 1 or 2 below):

☐ 1. There has been a cessation of labor where a work of Improvement was discontinued before completion within 150 days of the date of this Affidavit. PLEASE DESCRIBE THE NATURE OF THE WORK THAT DISCONTINUED:

_____

_____

_____

☐ 2. There has not been a cessation of labor where a work of improvement was discontinued before completion within 150 days of the date of this Affidavit.

C. There are no unpaid bills for labor or material because of any improvements made to the Property except:

_____

_____

_____

(Enter "None" if such is true.)

3. No one is in possession of, or has any right to possession of, the Property except:

☐ Declarant as owner.

☐ Tenants based only on month-to-month rental agreements.

☐ Tenants based upon existing leases as listed on the Rent Toll attached hereto as **Exhibit A** and incorporated herein by reference.

☐ Other:_____

4. No person(s) or entitles, have (i) any options to purchase or rights of first refusal, including but not limited to lessees under any leases referred to in Paragraph 3 above, and/or (ii) easements, licenses, agreements or other rights allowing them to use, encroach on, or access to the Property except (i) as shown in the Commitment/Report, and (ii)

_____

_____

_____

(Enter "None" if such is true.)

5. Those certain lease(s) shown as exception number(s) in the Commitment/Report have either: (a) expired by their own terms, or (b) if they have not expired, the lessee(s) have vacated the Property and Declarant has been notified of the vacation of the Property either by correspondence from the lessee or by physical inspection of the property.

6. To the best of Declarant's knowledge, there are no unrecorded real property taxes or assessments against the Property.

   The undersigned is not aware of any release reports or commitment statements which have been issued pertaining to any environmental issues or liens.

7. This Affidavit is given for the purpose of inducing North American Title Company, Inc. and its agents to issue policy(ies) of title insurance which may provide coverage with respect to all matters set forth herein. If North American Title Company, Inc. elects, in its discretion, to (a) accept this Affidavit, and (b) issue title insurance policy(ies) to third parties, North American Title Company, Inc. will do so in material reliance on this Affidavit and the representation and covenants in this Affidavit.

8. Declarant acknowledges that he/she has read this Affidavit, that all the statements made in this Affidavit are true and correct of his/her own actual knowledge, and fully understands the legal aspects of any misrepresentations or untrue statements made in this Affidavit. Declarant, both personally and on behalf of Owner, covenants and agrees to defend, indemnify, and hold North American Title Company, Inc. harmless from and against any and all claims, actions, suits (including arbitration), liabilities, losses, damages, costs, charges, attorney's fees and other expenses of every nature and character as a result of its reliance on this Affidavit.

Executed on _____, 20_____, at _____, _____
(City) (State)

"Declarant"

_____
Owner

_____
Owner

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of _____
County of _____

Subscribed and sworn to (or affirmed) before me on this _____ day of _____, 20____, by _____, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

(seal) Signature _____

NORTH AMERICAN TITLE COMPANY, INC.
3520 Brookside Road, Suite 151, Stockton, CA 95219
(209)956-6282 Fax: (209)390-4731 Email:

Closing Protection Letters can be ordered directly by emailing cacpl@nat.com with your title order number and property address.

Attention:

Your Ref:
Our Order No.: 55805-1505579-17

LENDERS SUPPLEMENTAL REPORT

Dated as of May 10, 2017 AT 7:30 A.M.

Title Officer: Pam Duerr

The above numbered report (including any supplements or amendments thereto) is hereby modified and/or supplemented in order to reflect the following additional items relating to the issuance of an American Land Title Association loan form policy of Title Insurance:

Our ALTA Loan Policy, when issued, will contain Endorsement Nos. 100 and 116.

There is located on said land a Commercial/Industrial
Known as: 14800 W Schulte Rd
Unincorporated Area
County of San Joaquin
State of California.

According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

None

Privacy Policy

North American Title Group, Inc. Family of Companies

Effective Date: SEPTEMBER 1, 2016

FACTS	WHAT DOES NORTH AMERICAN TITLE GROUP, INC. FAMILY OF COMPANIES DO WITH YOUR PERSONAL INFORMATION?
Why?	Financial companies choose how they share your personal information. Federal law gives consumers the right to limit some, but not all, sharing. Federal law also requires us to tell you how we collect, share and protect your personal information. Please read this notice carefully to understand what we do.
What?	The types of personal information we collect and share depend on the product or service you have with us. This information can include: • Social Security number, birthdate, driver's license number and income • transaction history and payment history • purchase history and account balances When you are no longer our customer, we continue to share your information as described in this notice.
How?	All financial companies need to share customers' personal information to run their everyday business. In the section below, we list the reasons financial companies can share their customers' personal information; the reasons North American Title Group, Inc. Family of Companies ("NATG") choose to share; and whether you can limit this sharing.

Reasons we can share your personal information	Does NATG share?	Can you limit this sharing?
For our everyday business purposes –such as to process your transactions, maintain your account(s), respond to court orders and legal investigations, or report to credit bureaus	Yes	No
For our marketing purposes – to offer our products and services to you	Yes	No
For joint marketing with other financial companies	No	We don't share
For our affiliates' everyday business purposes – information about your transactions and experiences	Yes	No
For our affiliates' everyday business purposes – information about your creditworthiness	No	We don't share
For our affiliates to market to you	Yes	Yes
For nonaffiliates to market to you	No	We don't share

Questions?	Call 1 (844) 654-5408

Who we are	
Who is providing this notice?	The North American Title Group, Inc. Family of Companies (identified below), which offers title insurance, settlement services, and property and casualty insurance.

What we do	
How does NATG protect your personal information?	To protect your personal information from unauthorized access and use, we use security measures that comply with federal law. These measures include computer safeguards and secured files and buildings.

How does NATG collect your personal information?	In general, you can visit our website on the World Wide Web without disclosing your identity or any information about yourself. Our web servers collect statistical information, such as the number of visitors, returning visitors, country of origin, source of traffic (e.g., Google) and method of access (e.g., mobile), but not the email addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information used to improve the overall content of our website to all visitors. You may choose to provide personal information to us through our website in order to request information, products or services, or to submit a complaint or inquiry. Any information provided via our website will be used only in accordance with the policies outlined here. We collect your personal information, for example, from: • Applications, contracts or other forms you complete. • Information provided about your transaction by you, by affiliates or others, whether received in writing, in person, by telephone or any other means. • Information provided to us by other parties involved in your transaction, such as your lender, mortgage broker, attorney or real estate broker. Such items may include an appraisal, land survey, credit report and account information. • Information we receive from a consumer reporting agency or credit bureau.
Why can't you limit all sharing?	Federal law gives you the right to limit only: • sharing for affiliates' everyday business purposes – information about your creditworthiness • affiliates from using your information to market to you • sharing for nonaffiliates to market to you

Definitions

Affiliates	Companies related by common ownership or control. They can be financial and nonfinancial companies.
Nonaffiliates	Companies not related by common ownership or control. They can be financial and nonfinancial companies. • *Nonaffiliates we share with can include collection agencies, IT service providers, companies that perform marketing services on our behalf, consumer reporting agencies and others.* • *NATG does not share with nonaffiliates so they can market their goods or service to you.*
Joint marketing	A formal agreement between nonaffiliated financial companies that together market financial products or services to you. NATG does not jointly market. • NATG doesn't jointly market.

Affiliate Marketing

To limit sharing with affiliates for marketing purposes	NATG may share your information with its affiliates so that the affiliates can market to you. To prevent this sharing, opt out • By visiting the following webpage for full instructions and a link to the Opt Out process via our NATTRACK system: www.nat.com/Opt-Out Or • Send written notification to North American Title Group Attn: General Counsel 760 Northwest 107th Avenue, Suite 400 Miami, FL 33172

The North American Title Group, Inc. Family of Companies consists of the following entities**:**

North American Title Company
North American Title Company dba Realstar Title
North American Title Company, Inc.
North American Title Company of Colorado
North American Title Insurance Company
North American Services, LLC
North American Title Agency, Inc.
North American Title Agency, LLC
North American Abstract Agency
NASSA, LLC
North American Title, LLC
North American Advantage Insurance Services, LLC
North American National Title Solutions, LLC

CLTA STANDARD COVERAGE POLICY - 1990
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13)
EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
   a. building;
   b. zoning;
   c. land use;
   d. improvements on the Land;
   e. land division; and
   f. environmental protection.
   This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.
   This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

l For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1% of Policy Amount Shown in Schedule A or $2,500 (whichever is less)	$10,000
Covered Risk 18:	1% of Policy Amount Shown in Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 19:	1% of Policy Amount Shown in Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 21:	1% of Policy Amount Shown in Schedule A or $2,500	$5,000

(whichever is less)

2006 ALTA LOAN POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer, or
   (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

[Except as provided in Schedule B - Part II,[t[or T] this policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

[PART I

[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.]

PART II

In addition to the matters set forth in Part I of this Schedule, the Title is subject to the following matters, and the Company insures against loss or damage sustained in the event that they are not subordinate to the lien of the Insured Mortgage:]

2006 ALTA OWNER'S POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
   (a) a fraudulent conveyance or fraudulent transfer; or
   (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

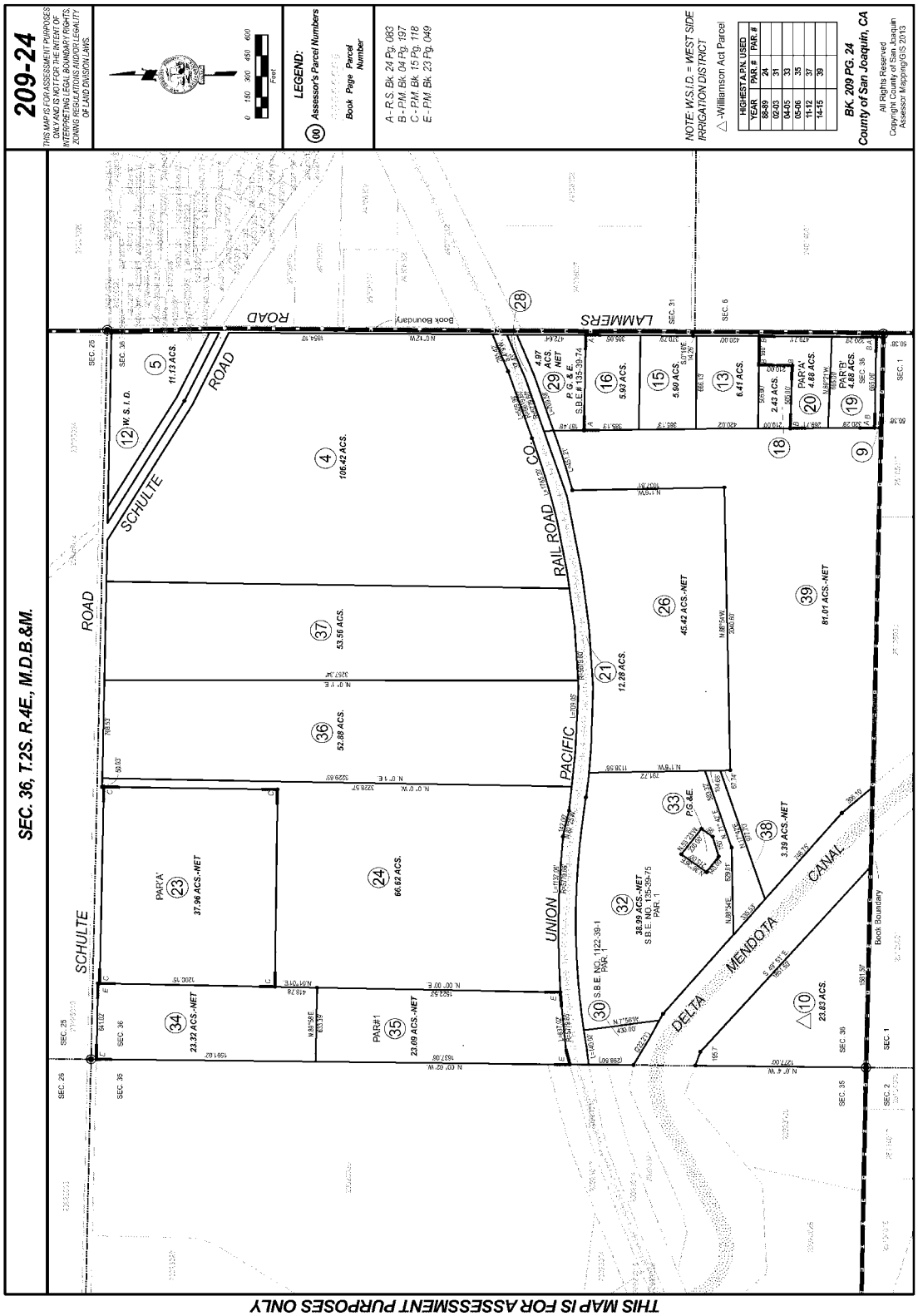
[This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:
The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown in the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and that are not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.
7. [Variable exceptions such as taxes, easements, CC&R's, etc. shown here.]

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (12-02-13)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer, or
   (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.



THIS MAP IS FOR ASSESSMENT PURPOSES ONLY

June 22, 2018 Amend

First American Title Insurance Company
National Commercial Services

18500 Von Karman Ave, Suite 600
Irvine, CA 92612

June 14, 2018

Loretta Pollock
LBA Realty
3347 Michelson Drive, Suite 200
Irvine , CA 92612
Phone: (949)955-9318

Fax: (949)955-9325

Customer Reference: 14800 West Schulte Road

Title Officer:	Ron Ciaramella	Title Assistant:	Gibson Reese
Phone:	(949)885-2451	Phone:	(949)885-2454
Email:	rciaramella@firstam.com	Email:	greese@firstam.com

Order Number: NCS-911146-SA1

Escrow Officer: Patty Beverly
Phone: (949)885-2465
Email: pbeverly@firstam.com

Property: 14800 West Schulte Road, Tracy, CA

Attached please find the following item(s):

Commitment

Thank you for your confidence and support. We at First American Title Insurance Company maintain the fundamental principle:

Customer First!

First American Title Insurance Company

INFORMATION

The Title Insurance Commitment is a legal contract between you and the company. It is issued to show the basis on which we will issue a Title Insurance Policy to you. The Policy will insure you against certain risks to the land title, subject to the limitations shown in the policy.

The Company will give you a sample of the Policy form, if you ask.

The Commitment is based on the land title as of the Commitment Date. Any changes in the land title or the transaction may affect the Commitment and the Policy.

The Commitment is subject to its Requirements, Exceptions and Conditions.

This information is not part of the title insurance commitment.

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YOU SHOULD READ THE COMMITMENT VERY CAREFULLY.
If you have any questions about the Commitment,
please contact the issuing office.

COMMITMENT FOR TITLE INSURANCE

Issued by

First American Title Insurance Company

Agreement to Issue Policy

We agree to issue a policy to you according to the terms of this Commitment.

When we show the policy amount and your name as the proposed insured in Schedule A, this Commitment becomes effective as of the Commitment Date shown in Schedule A.

If the Requirements shown in this Commitment have not been met within six months after the Commitment Date, our obligation under this Commitment will end. Also, our obligation under this Commitment will end when the Policy is issued and then our obligation to you will be under the Policy.

Our obligation under this Commitment is limited by the following:

The Provisions in Schedule A.

The Requirements in Schedule B-1.

The Exceptions in Schedule B-2.

The Conditions.

This Commitment is not valid without Schedule A and Sections 1 and 2 of Schedule B.

SCHEDULE A

1. Commitment Date: June 06, 2018 at 7:30 A.M.

2. Policy or Policies to be issued: Amount

   (A) ALTA Owner's Policy $To Be Determined
   ALTA Standard Owner Policy
   Proposed Insured:

   To Be Determined

   (B) ALTA Loan Policy $To Be Determined
   ALTA Extended Loan Policy
   Proposed Insured:

   To Be Determined

3. (A) The estate or interest in the land described in this Commitment is:

   A Fee as to Parcel One, an Easement as to Parcels Two and Three

   (B) Title to said estate or interest at the date hereof is vested in:

   THERMAL ENERGY DEVELOPMENT PARTNERSHIP L.P., A DELAWARE LIMITED PARTNERSHIP

4. The land referred to in this Commitment is situated in the City of Tracy, County of San Joaquin, State of California, and is described as follows:

   PARCEL ONE:

   A PORTION OF THE WEST HALF OF SECTION 36, TOWNSHIP 2 SOUTH, RANGE 4 EAST, MOUNT DIABLO BASE AND MERIDIAN, ACCORDING TO THE OFFICIAL PLAT THEREOF, DESCRIBED AS FOLLOWS:

   PARCEL A, AS SHOWN ON THAT CERTAIN PARCEL MAP FILED FOR RECORD FEBRUARY 10, 1988 IN BOOK 15 OF PARCEL MAPS, PAGE 118, SAN JOAQUIN COUNTY RECORDS.

   EXCEPT THEREFROM THAT PORTION CONVEYED TO THE COUNTY OF SAN JOAQUIN BY DEED RECORDED NOVEMBER 7, 1989 AS INSTRUMENT NO. 89104038, SAN JOAQUIN COUNTY RECORDS.

   PARCEL TWO:

   A NON-EXCLUSIVE EASEMENT FOR THE PURPOSE OF CONSTRUCTING, RECONSTRUCTING, OPERATING, MAINTAINING AND REMOVING THEREFROM A PIPELINE FOR DRAINAGE PURPOSES AT A DEPTH FROM THE TOP OF SAID PIPELINE TO THE GROUND SURFACE OF AT LEAST 30 INCHES AND FOR THE PURPOSE OF CONSTRUCTING, RECONSTRUCTING AND MAINTAINING AN OPEN DITCH FOR DRAINAGE PURPOSES, TOGETHER WITH THE RIGHT TO ENTER UPON SAID EASEMENT FOR THE PURPOSE OF CONSTRUCTING, MAINTAINING AND REPAIRING SAID PIPELINE AND SAID OPEN DITCH AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

   COMMENCING AT THE NORTHWEST CORNER OF SECTION 36, TOWNSHIP 2 SOUTH, RANGE 4 EAST, MOUNT DIABLO BASE AND MERIDIAN; RUNNING THENCE SOUTH 89° 27' 32" EAST, A

DISTANCE OF 2051.25 FEET; RUNNING THENCE SOUTH 0° 00' 19" WEST, A DISTANCE OF 45.0 FEET TO POINT OF BEGINNING; THENCE SOUTH 89° 27' 32" EAST, A DISTANCE OF 1661.69 FEET; THENCE NORTH 57° 56' 32" EAST, A DISTANCE OF 27.54 FEET TO THE SOUTHERLY LINE OF SCHULTE ROAD; THENCE ALONG SAID LINE SOUTH 89° 27' 32" EAST, A DISTANCE OF 27.54 FEET; THENCE SOUTH 57° 56' 32" WEST 55.08 FEET; THENCE NORTH 89° 27' 32" WEST A DISTANCE OF 1665.99 FEET; THENCE NORTH 0° 00' 19" EAST A DISTANCE OF 15.00 FEET TO THE POINT OF BEGINNING.

SAID EASEMENT BEING THE SAME AS CREATED IN THAT CERTAIN GRANT OF EASEMENT EXECUTED BY JEANNETTE SALLES AND RECORDED MAY 21, 1965 IN BOOK 2947 AT PAGE 140, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY.

PARCEL THREE:

A NON-EXCLUSIVE EASEMENT FOR THE PURPOSE OF CONSTRUCTING, RECONSTRUCTING, OPERATING, MAINTAINING AND REMOVING THEREFROM A PIPELINE FOR DRAINAGE PURPOSES AT A DEPTH FROM THE TOP OF SAID PIPELINE TO THE GROUND SURFACE OF AT LEAST 30 INCHES AND FOR THE PURPOSE OF CONSTRUCTING, RECONSTRUCTING AND MAINTAINING AN OPEN DITCH FOR DRAINAGE PURPOSES, TOGETHER WITH THE RIGHT TO ENTER UPON SAID EASEMENT OF THE PURPOSE OF CONSTRUCTING, MAINTAINING AND REPAIRING SAID PIPELINE AND SAID OPEN DITCH AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SECTION 36, TOWNSHIP 2 SOUTH, RANGE 4 EAST, MOUNT DIABLO BASE AND MERIDIAN; RUNNING THENCE SOUTH 89° 27' 32" EAST A DISTANCE OF 2091.25 FEET; RUNNING THENCE SOUTH A DISTANCE OF 45.0 FEET IN THE TRUE POINT OF BEGINNING; THENCE NORTH 89° 27' 32" WEST 50.00 FEET; THENCE SOUTH 15.00 FEET; THENCE SOUTH 89° 27' 32" EAST 50.00 FEET; THENCE NORTH 15.00 FEET TO THE TRUE POINT OF BEGINNING.

SAID EASEMENT BEING THE SAME AS CREATED IN THAT CERTAIN CORPORATION GRANT DEED EXECUTED BY OWENS-ILLINOIS GLASS CONTAINER, INC., AND RECORDED SEPTEMBER 20, 1988 AS INSTRUMENT NO. 88080324, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY.

APN: 209-240-230-000

SCHEDULE B

SECTION ONE

REQUIREMENTS

The following requirements must be met:

(A) Pay the agreed amounts for the interest in the land and/or the mortgage to be insured.

(B) Pay us the premiums, fees and charges for the policy.

(C) Documents satisfactory to us creating the interest in the land and/or the mortgage to be insured must be signed, delivered and recorded.

(D) You must tell us in writing the name of anyone not referred to in this Commitment who will get an interest in the land or who will make a loan on the land. We may then make additional requirements or exceptions.

(E) Releases(s) or Reconveyance(s) of Item(s): 10

(F) Other: None

(G) You must give us the following information:
1. Any off record leases, surveys, etc.
2. Statement(s) of Identity, all parties.
3. Other: None

The following additional requirements, as indicated by "X", must be met:

[X] (H) Provide information regarding any off-record matters, which may include, but are not limited to: leases, recent works of improvement, or commitment statements in effect under the Environmental Responsibility Acceptance Act, Civil Code Section 850, et seq.

The Company's Owner's Affidavit form(as provided by company) must be completed and submitted prior to close in order to satisfy this requirement. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[] (I) An ALTA/NSPS survey of recent date, which complies with the current minimum standard detail requirements for ALTA/NSPS land title surveys, must be submitted to the Company for review. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[] (J) The following LLC documentation is required:
(i) a copy of the Articles of Organization
(ii) a copy of the Operating Agreement, if applicable
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Company Consent to the current transaction

[X] (K) The following partnership documentation is required **:**
(i) a copy of the partnership agreement, including all applicable amendments thereto
(ii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iii) express Partnership Consent to the current transaction

[] (L) The following corporation documentation is required:
(i) a copy of the Articles of Incorporation
(ii) a copy of the Bylaws, including all applicable Amendments thereto
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Corporate Resolution consenting to the current transaction

[**X**] (M) Based upon the Company's review of that certain partnership/operating agreement dated **Not disclosed** for the proposed insured herein, the following requirements must be met:

Any further amendments to said agreement must be submitted to the Company, together with an affidavit from one of the general partners or members stating that it is a true copy, that said partnership or limited liability company is in full force and effect, and that there have been no further amendments to the agreement. This Commitment will then be subject to such further requirements as may be deemed necessary.

[] (N) A copy of the complete lease, as referenced in Schedule A, #3 herein, together with any amendments and/or assignments thereto, must be submitted to the Company for review, along with an affidavit executed by the present lessee stating that it is a true copy, that the lease is in full force and effect, and that there have been no further amendments to the lease. This Commitment will then be subject to such further requirements as may be deemed necessary.

[X] (O) Approval from the Company's Underwriting Department must be obtained for issuance of the policy contemplated herein and any endorsements requested thereunder. This Commitment will then be subject to such further requirements as may be required to obtain such approval.

[] (P) Potential additional requirements, if ALTA Extended coverage is contemplated hereunder, and work on the land has commenced prior to close, some or all of the following requirements, and any other requirements which may be deemed necessary, may need to be met:

[] (Q) The Company's "Indemnity Agreement I" must be executed by the appropriate parties.

[] (R) Financial statements from the appropriate parties must be submitted to the Company for review.

[] (S) A copy of the construction contract must be submitted to the Company for review.

[] (T) An inspection of the land must be performed by the Company for verification of the phase of construction.

[] (U) The Company's "Mechanic's Lien Risk Addendum" form must be completed by a Company employee, based upon information furnished by the appropriate parties involved.

SCHEDULE B

SECTION TWO

EXCEPTIONS

Any policy we issue will have the following exceptions unless they are taken care of to our satisfaction. The printed exceptions and exclusions from the coverage of the policy or policies are set forth in Exhibit A attached. Copies of the policy forms should be read. They are available from the office which issued this Commitment.

1. General and special taxes and assessments for the fiscal year 2018-2019, a lien not yet due or payable.

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. An easement for drainage pipe line and incidental purposes, recorded January 03, 1961 as Book 2369, Page 259 of Official Records.
   In Favor of: Gabriel Moitoso, F. Lloyd Hughes and Gwendolyn Steindorf, a partnership
   Affects: as described therein

4. A. The effect of the following recital as contained in that certain Grant of Easement recorded May 21, 1965 in Book 2947, Page 140 of Official Records:

   "It is understood that grantor has only a revocable license from the West Side Irrigation District to permit water flowing across said easement to enter the canal of said District."

   B. Any assertion that said easement may be overburdened by reason of the subdivision of the dominant tenement in the above referenced Grant of Easement.

5. An easement for drainage basin, ditch and incidental purposes, recorded September 22, 1988 as Instrument No. 88080326 of Official Records.
   In Favor of: Owens-Illinois Glass Container Inc., a Delaware corporation
   Affects: as described therein

6. The terms and provisions contained in the document entitled "Memorandum of Purchase Agreement" recorded September 22, 1988 as Instrument No. 88080327 of Official Records.

   Document(s) declaring modifications thereof recorded November 07, 1989 as Instrument No. 89104034 of Official Records.

7. The terms and provisions contained in the document entitled "Memorandum and Amendment of Power Sales Agreement" recorded September 22, 1988 as Instrument No. 88080328 of Official Records.

   Document(s) declaring modifications thereof recorded November 07, 1989 as Instrument No. 89104035 of Official Records.

8. An easement for line of poles and incidental purposes, recorded March 01, 1989 as Instrument No. 89017519 of Official Records.
   In Favor of: Pacific Gas and Electric Company
   Affects: as described therein

   A Correction Deed recorded September 14, 1989 as Instrument No. 89084395 of Official Records.

9. An easement for gas pipes and incidental purposes, recorded September 14, 1989 as Instrument No. 89084394 of Official Records.
   In Favor of: Pacific Gas and Electric Company
   Affects: as described therein

10. A deed of trust to secure an original indebtedness of $2,000,000.00 recorded July 01, 2013 as Instrument No. 2013-086077 of Official Records.

Dated:	June 25, 2013
Trustor:	Thermal Energy Development Partnership, L.P., a Delaware Limited Partnership
Trustee:	First American Title Insurance Company
Beneficiary:	Greenleaf Investment Holdings II LLC, a Delaware limited liability company

11. Rights of the public in and to that portion of the land lying within any Road, Street and/or Highways.

12. Rights of parties in possession.

INFORMATIONAL NOTES

ALERT - CA Senate Bill 2 imposes an additional fee of $75 up to $225 at the time of recording on certain transactions effective January 1, 2018. Please contact your First American Title representative for more information on how this may affect your closing.

1. Taxes for proration purposes only for the fiscal year 2017-2018.

First Installment:	$19,832.82, PAID
Second Installment:	$19,832.82, PAID
Tax Rate Area:	092002
APN:	209-240-230-000

2. According to the latest available equalized assessment roll in the office of the county tax assessor, there is located on the land a(n) Commercial Structure known as 14800 West Schulte Road, Tracy, CA.

3. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

   None

4. This preliminary report/commitment was prepared based upon an application for a policy of title insurance that identified land by street address or assessor's parcel number only. It is the responsibility of the applicant to determine whether the land referred to herein is in fact the land that is to be described in the policy or policies to be issued.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American Title Insurance Company expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

******To obtain wire instructions for deposit of funds to your escrow file please contact your Escrow Officer.******

CONDITIONS

1. **DEFINITIONS**
(a)"Mortgage" means mortgage, deed of trust or other security instrument.
(b)"Public Records" means title records that give constructive notice of matters affecting the title according to the state law where the land is located.

2. **LATER DEFECTS**
The Exceptions in Schedule B - Section Two may be amended to show any defects, liens or encumbrances that appear for the first time in the public records or are created or attached between the Commitment Date and the date on which all of the Requirements (a) and (c) of Schedule B - Section One are met. We shall have no liability to you because of this amendment.

3. **EXISTING DEFECTS**
If any defects, liens or encumbrances existing at Commitment Date are not shown in Schedule B, we may amend Schedule B to show them. If we do amend Schedule B to show these defects, liens or encumbrances, we shall be liable to you according to Paragraph 4 below unless you knew of this information and did not tell us about it in writing.

4. **LIMITATION OF OUR LIABILITY**
Our only obligation is to issue to you the Policy referred to in this Commitment, when you have met its Requirements. If we have any liability to you for any loss you incur because of an error in this Commitment, our liability will be limited to your actual loss caused by your relying on this Commitment when you acted in good faith to:

comply with the Requirements shown in Schedule B - Section One
or
eliminate with our written consent any Exceptions shown in Schedule B - Section Two.

We shall not be liable for more than the Policy Amount shown in Schedule A of this Commitment and our liability is subject to the terms of the Policy form to be issued to you.

5. **CLAIMS MUST BE BASED ON THIS COMMITMENT**
Any claim, whether or not based on negligence, which you may have against us concerning the title to the land must be based on this commitment and is subject to its terms.

First American Title

Privacy Information

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Information Obtained Through Our Web Site

First American Financial Corporation is sensitive to privacy issues on the Internet. We believe it is important you know how we treat the information about you we receive on the Internet.

In general, you can visit First American or its affiliates' Web sites on the World Wide Web without telling us who you are or revealing any information about yourself. Our Web servers collect the domain names, not the e-mail addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information. First American uses this information to measure the use of our site and to develop ideas to improve the content of our site.

There are times, however, when we may need information from you, such as your name and email address. When information is needed, we will use our best efforts to let you know at the time of collection how we will use the personal information. Usually, the personal information we collect is used only by us to respond to your inquiry, process an order or allow you to access specific account/profile information. If you choose to share any personal information with us, we will only use it in accordance with the policies outlined above.

Business Relationships

First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

Cookies

Some of First American's Web sites may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive.

FirstAm.com uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

Fair Information Values

Fairness We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.

Public Record We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.

Use We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.

Accuracy We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.

Education We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.

Security We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.

EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

1. CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990
SCHEDULE B

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notice of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by their policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

2. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions of area of the land, or the effect of any violation of any such law, ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant; (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy; or (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

3. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 2 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.

4. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions or area of the land, or the effect of any violation of any such law ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant, (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy or acquired the insured mortgage and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder, (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy (except to the extent insurance is afforded herein as to any statutory lien for labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy).
4. Unenforceability of the lien of the insured mortgage because of failure of the insured at Date of Policy or of any subsequent owner of the indebtedness to comply with applicable "doing business" laws of the state in which the land is situated.

5. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970
WITH REGIONAL EXCEPTIONS

When the American Land Title Association Lenders Policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy, the exclusions set forth in paragraph 4 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

6. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy;
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy (except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or the extent insurance is afforded herein as to assessments for street improvements under construction or completed at date of policy); or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.

4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
7. Any claim, which arises out of the transaction creating the interest of the mortgagee insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or
(iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

7. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992 WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 6 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:
1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

8. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992 EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:
1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy; or
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.
4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

9. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992 WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 8 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:
Part One:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

ALTA RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)
EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
   (a) and use
   (b) improvements on the land
   (c) and division
   (d) environmental protection
   This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date.
   This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
   (a) a notice of exercising the right appears in the public records on the Policy Date
   (b) the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
3. Title Risks:
   (a) that are created, allowed, or agreed to by you
   (b) that are known to you, but not to us, on the Policy Date -- unless they appeared in the public records
   (c) that result in no loss to you
   (d) that first affect your title after the Policy Date -- this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
   (a) to any land outside the area specifically described and referred to in Item 3 of Schedule A OR
   (b) in streets, alleys, or waterways that touch your land
   This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

11. EAGLE PROTECTION OWNER'S POLICY

CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998

Covered Risks 14 (Subdivision Law Violation). 15 (Building Permit). 16 (Zoning) and 18 (Encroachment of boundary walls or fences) are subject to Deductible Amounts and Maximum Dollar Limits of Liability

EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning:
   a. building
   b. zoning
   c. land use
   d. improvements on the land
   e. land division
   f. environmental protection
   This exclusion does not apply to violations or the enforcement of these matters if notice of the violation or enforcement appears in the Public Records at the Policy Date.
   This exclusion does not limit the coverage described in Covered Risk 14, 15, 16, 17 or 24.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.
3. The right to take the Land by condemning it, unless:
   a. a notice of exercising the right appears in the Public Records at the Policy Date; or
   b. the taking happened before the Policy Date and is binding on You if You bought the Land without Knowing of the taking.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they appear in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.d, 22, 23, 24 or 25.

5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.
   This exclusion does not limit the coverage described in Covered Risk 11 or 18.

12. THIRD GENERATION EAGLE LOAN POLICY AMERICAN LAND TITLE ASSOCIATION EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (1/01/08)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions, or location of any improvement erected on the Land; (iii) the subdivision of land; or(iv) environmental protection; or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
   (b)Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   (e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.

13. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer, or

(b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.

7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

14. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006 WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 13 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

15. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006 EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risks 9 and 10); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors rights laws, that the transaction vesting the Title as shown in Schedule A, is
   (a) a fraudulent conveyance or fraudulent transfer; or
   (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

16. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006 WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 15 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.

2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

Steve Bestolarides , County Assessor

General Information

Open Map

APN:
209-240-230-000
Situs Address:
14800 W SCHULTE RD
TRACY CA 95377-8795
Mailing Address:
2600 CAPITOL AVE 430
SACRAMENTO CA 95816
Legal Description:

Use Type:
COMMERCIAL
Tax Rate Area: 092-002

Assessment

Year Assd:	2018
Land:	$1,785,714
Structure(s):	
Other:	$1,645,920
Total Land and Improv:	$3,431,634
HO Exempt?:	N
Exemption Amt:	

Property Characteristics

Bedrooms:	
Baths (Full):	
Baths (Half):	
Bldg/Liv Area:	3,000
Year Built:	
Lot Acres:	37.960
Lot SqFt:	1,653,537

Recent Sale History

Recording Date:	09/22/1988
Document #:	1988R080324
Transfer Amount:	

View More History

Natural Hazard Package

Add to Cart $ 19.95
View Sample

Full Property Detail

Add to Cart $ 4.95
View Sample

Property Reports

**The information provided here is deemed reliable, but is not guaranteed.

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Department of Conservation

Accessibility

Lat: 37.714

Division of Oil, Gas & Geothermal Resources - Well Finder

Find By Location

Find My Current Location

or

Street: 14800 West Schulte Rd

City: tracy

Zip: Find

Display a 1500 foot buffer

Buffer radius is limited to 10 mi (52800ft).

Find By API

Find By Lat, Long

Find By PLSS

Find By Oil/Gas Field

Data (Layers):

Notices & Permits

DOGGR Wells

Label: API# Well# Detailed

EPA Wells for Aquifer Exemption Review

Enhanced Oil Recovery Wells

Disposal Wells

TR26 Onshore Seeps

Oil/Gas Fields

California Geologic Map

0.6km

0.4mi

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ENVIROSTOR

14800 West Schulte Road, tracy ca

Map Address

Sites and Facilities

Cleanup Sites

- Federal Superfund
- State Response
- Voluntary Cleanup
- School Cleanup
- Evaluation
- School Investigation
- Military Evaluation
- Tiered Permit
- Corrective Action

STATUS

All Statuses

Permitted Sites

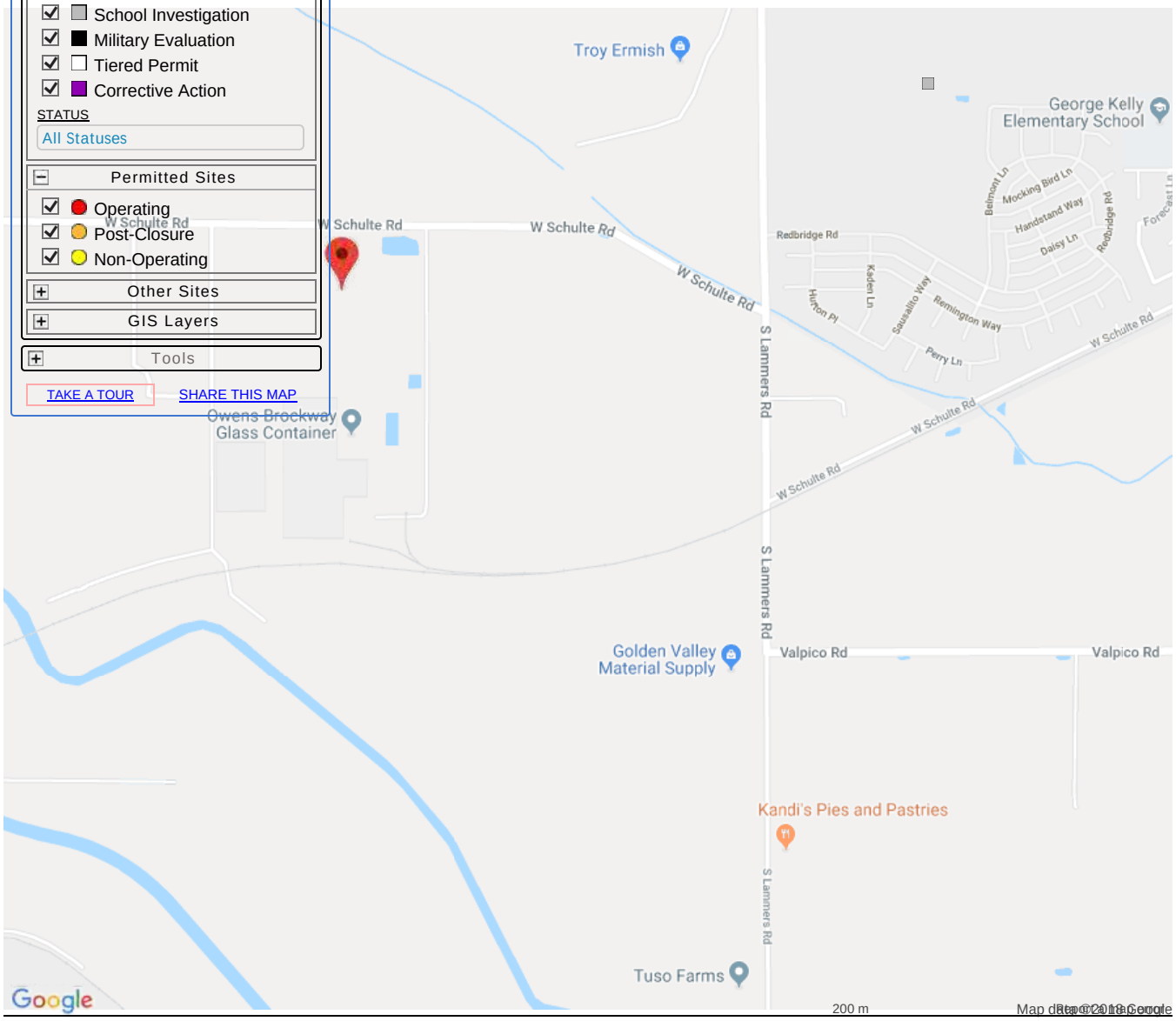
- Operating
- Post-Closure
- Non-Operating

Other Sites

GIS Layers

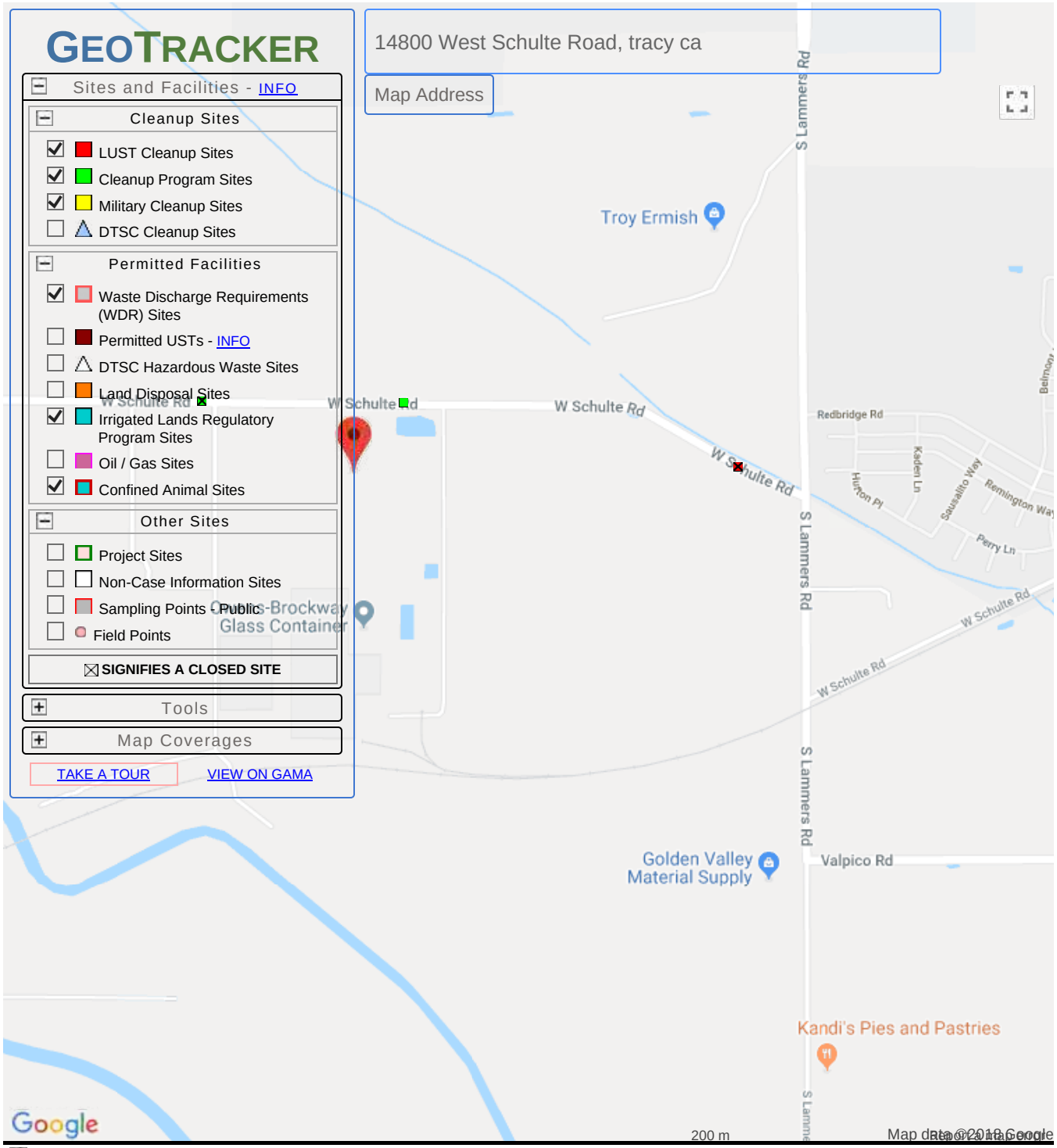
Tools

TAKE A TOUR SHARE THIS MAP



SITES CURRENTLY VISIBLE ON MAP — 1 SITES LISTED — EXPORT THIS LIST TO EXCEL

PROJECT NAME	STATUS	PROJECT TYPE	ADDRESS	CITY
GEORGE KELLY SCHOOL	NO FURTHER ACTION	SCHOOL INVESTIGATION	VENETO DRIVE/MABEL JOSEPHINE DRIVE	TRACY



SITES CURRENTLY VISIBLE ON MAP — 3 SITES LISTED — EXPORT THIS LIST TO EXCEL

SITE NAME	GLOBAL ID	STATUS	ADDRESS	CITY
OWENS-BROCKWAY GLASS CONTAINER FACILITY	SL0607719504	OPEN - INACTIVE	14700 SCHULTE RD	TRACY
OWENS-ILLINOIS	T0607700651	COMPLETED - CASE CLOSED	14700 SCHULTE RD W	TRACY
TRACY YOUTH SPORTS PARK	SL0607797298	COMPLETED - CASE CLOSED	15178 SCHULTE ROAD	TRACY

Department of Toxic Substances Control

Barbara A. Lee , Director
1001 I Street
P.O. Box 806
Sacramento , CA 958120806

Matthew Rodriquez
Secretary for Environmental Protection

Edmund G. Brown Jr.
Governor

Facility Search Results

Selection Criteria:

Facility:	
Search on:	Physical Address
Street:	14800 schulte
City:	tracy
Status:	Active and Inactive
Sort Direction:	asc
Sorted By:	EPA ID
Records Found:	1

EPA ID Number	Name	Address	City	Zip
CAL000042561	TRACY BIOMASS	14800 SCHULTE AVE	TRACY	953780000

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 07/09/2018

Department of Toxic Substances Control

Barbara A. Lee , Director
1001 I Street
P.O. Box 806
Sacramento , CA 958120806

Matthew Rodriquez
Secretary for
Environmental Protection

Edmund G. Brown Jr.
Governor

EPA ID PROFILE

Map

ID Number:	CAL000042561	**Status:**	INACTIVE
Name:	TRACY BIOMASS	**Inactive Date:**	2/28/2007 12:00:00 AM
County:	SAN JOAQUIN	**Record Entered:**	1/8/1991 12:00:00 AM
NAICS:	221122	**Last Updated:**	2/28/2007 8:49:26 AM

	Name	Address	City	State	Zip Code	Phone
Location	TRACY BIOMASS	14800 SCHULTE AVE	TRACY	CA	953780000	
Mailing		14800 W SCHULTE RD	TRACY	CA	953770000	
Owner	THERMAL ENERGY DEV'T PARTNERSH	14800 W SCHULTE RD	TRACY	CA	953778795	2098356914
Operator/Contact	RICK VOGLER, PLANT SUPERVISOR	14800 W SCHULTE RD	TRACY	CA	953778795	2098356914

Based Only Upon ID Number: **CAL000042561**

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

Top line represents Manifest Count and Bottom line represents Total Tonnage

Year	Generator	Trans. 1	Trans. 2	TSDF	ALT. TSDF

1993	4 10.43860	0 0.00000	0 0.00000	0 0.00000	0 0.00000
1994	2 2.20100	0 0.00000	0 0.00000	0 0.00000	0 0.00000
1996	1 0.50000	0 0.00000	0 0.00000	0 0.00000	0 0.00000
1997	3 0.75000	0 0.00000	0 0.00000	0 0.00000	0 0.00000
1998	1 0.25000	0 0.00000	0 0.00000	0 0.00000	0 0.00000
1999	1 4.21400	0 0.00000	0 0.00000	0 0.00000	0 0.00000
2003	1 0.10000	0 0.00000	0 0.00000	0 0.00000	0 0.00000
2006	1 0.64180	0 0.00000	0 0.00000	0 0.00000	0 0.00000

Non California Manifest Total Tonnage

No Records Found

Waste Code Matrix					
California	**Generator**	**Trans. 1**	**Trans. 2**	**TSDF**	**Alt. TSDF**
RCRA	**Generator**	**Trans. 1**	**Trans. 2**	**TSDF**	**Alt. TSDF**

Waste Code Matrix as a spreadsheet

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 07/09/2018

California Waste Code by Year Matrix

ID Number: **CAL000042561**
Entity Type: **Generator**

1993 2018 Select Years

Calif. Code	Description	1993	1994	1996	1997	1998	19
181	OTHER INORGANIC SOLID WASTE	0.00000	0.00000	0.00000	0.00000	0.00000	4.21
221	WASTE OIL AND MIXED OIL	10.43860	2.01400	0.00000	0.00000	0.00000	0.00
223	UNSPECIFIED OIL-CONTAINING WASTE	0.00000	0.00000	0.50000	0.25000	0.00000	0.00
331	OFF-SPEC, AGED, OR SURPLUS ORGANICS	0.00000	0.00000	0.00000	0.00000	0.00000	0.00
343	UNSPECIFIED ORGANIC LIQUID MIXTURE	0.00000	0.18700	0.00000	0.00000	0.00000	0.00
352	OTHER ORGANIC SOLIDS	0.00000	0.00000	0.00000	0.50000	0.25000	0.00
512	OTHER EMPTY CONTAINERS >= 30 GALLONS	0.00000	0.00000	0.00000	0.00000	0.00000	0.00
791	LIQUIDS W PH<=2	0.00000	0.00000	0.00000	0.00000	0.00000	0.00
	Grand Totals	**10.43860**	**2.20100**	**0.50000**	**0.75000**	**0.25000**	**4.21**

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 07/09/2018

RCRA Waste Code by Year Matrix

ID Number: **CAL000042561**
Entity Type: **Generator**

No Records Found

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 07/09/2018

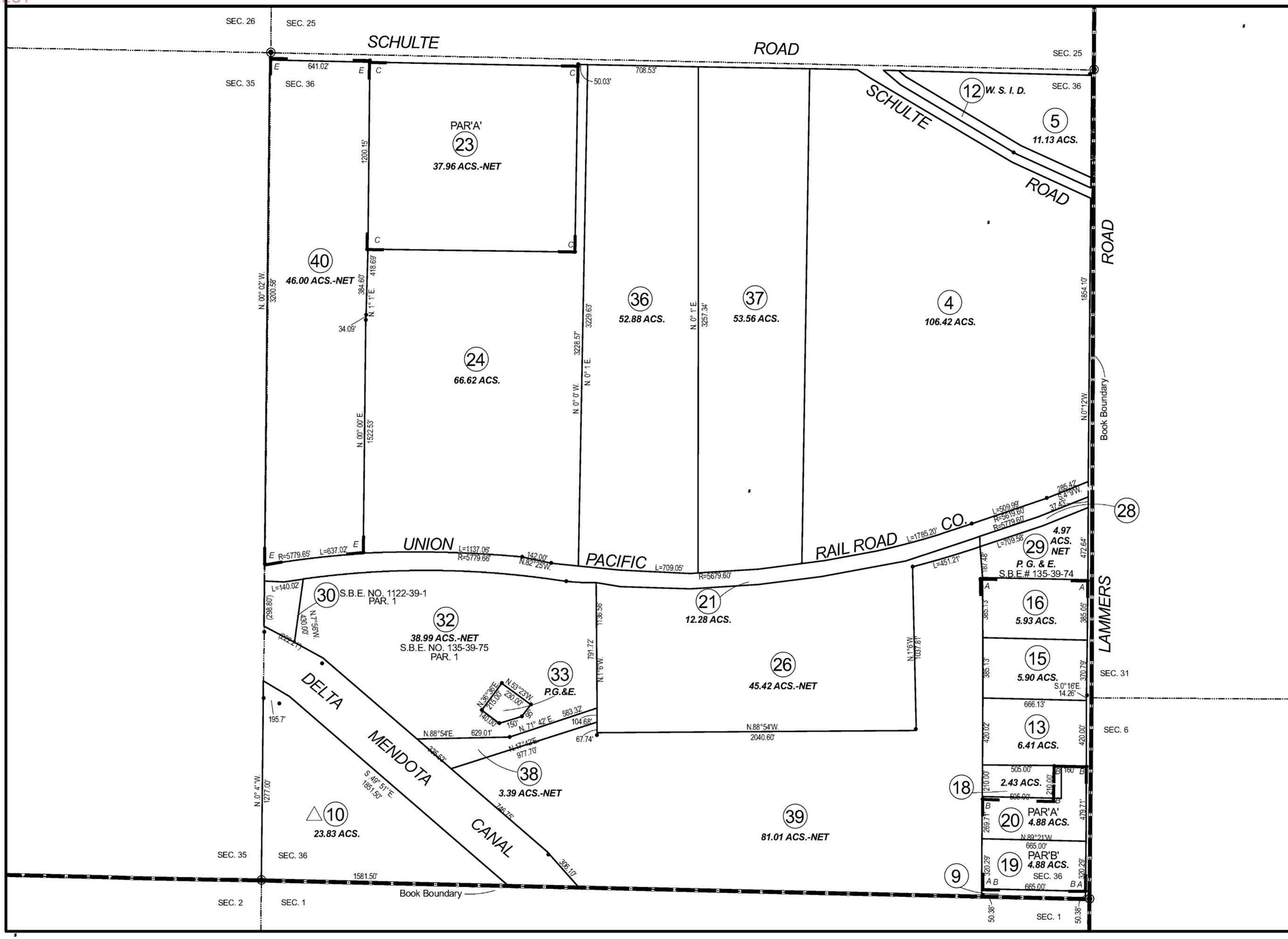
Provided by:
PARCELQUEST

SEC. 36, T.2S. R.4E., M.D.B.&M.

209-24

THIS MAP IS FOR ASSESSMENT PURPOSES ONLY AND IS NOT FOR THE INTENT OF INTERPRETING LEGAL BOUNDARY RIGHTS, ZONING REGULATIONS AND/OR LEGALITY OF LAND DIVISION LAWS.

THIS MAP IS FOR ASSESSMENT PURPOSES ONLY



0 150 300 450 600
Feet

LEGEND:

(00) Assessor's Parcel Numbers

Book Page Parcel Number

A - R.S. Bk. 24 Pg. 083
B - P.M. Bk. 04 Pg. 197
C - P.M. Bk. 15 Pg. 118
E - P.M. Bk. 23 Pg. 049

NOTE: W.S.I.D. = WEST SIDE IRRIGATION DISTRICT

△-Williamson Act Parcel

HIGHEST A.P.N. USED		
YEAR	PAR. #	PAR. #
88-89	24	
02-03	31	
04-05	33	
05-06	35	
11-12	37	
14-15	39	
18-19	40	

BK. 209 PG. 24
County of San Joaquin, CA

All Rights Reserved
Copyright County of San Joaquin
Assessor Mapping/GIS 2013

APPLICATION FOR PERMIT

SAN JOAQUIN LOCAL HEALTH DISTRICT

1601 E. HAZELTON AVE., STOCKTON, CA
Telephone (209) 466-6781

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

(Complete in Triplicate)

Application is hereby made to the San Joaquin Local Health District for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 for sewage or No. 1862 for well/pump and the Rules and Regulations of the San Joaquin Local Health District.

Job Address 14800 W. Schulte City Tracy Lot Size _____ PM _____

Owner's Name Thermal Energy Address 14800 W. Schulte Rd Phone 836-2949

Contractor Tracy Constructors Address 14800 W. Schulte Rd License No. 534198 Phone 836-2949

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☐
PUMP INSTALLATION ☐ SYSTEM REPAIR ☐ OTHER ☐

DISTANCE TO NEAREST: SEPTIC TANK _____ SEWER LINES _____ DISPOSAL FLD. _____ PROP. LINE _____
FOUNDATION _____ AGRICULTURE WELL _____ OTHER WELL _____ PITS/SUMPS _____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS	
☐ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation _____	Dia. of Well Casing _____
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing _____	Specifications
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal _____	Type of Grout _____
☐ Irrigation	Approx. Depth	☐ Eastern	Surface Seal Installed by _____	

Repair Work Done ☐ Type of Pump _____ H.P. _____ State Work Done _____
Well Destruction ☐ Well Diameter _____ Sealing Material (top 50') _____
Depth _____ Filler Material (Below 50') _____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☒ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ____ Commercial X Other _____
Number of living units: _____ Number of bedrooms _____
Character of soil to a depth of 3 feet: Sandy Clay Water table depth 132'

SEPTIC TANK ☐ Type/Mfg PLL. Capacity 1600 No. Compartments 2
PKG. TREATMENT PLT. ☐ Method of Disposal _____
Distance to nearest: Well _____ Foundation _____ Property Line _____

LEACHING LINE ☐ No. & Length of lines 34 Total length/size 368/4"Ø
FILTER BED ☐ Distance to nearest: Well 300 Foundation 50 Property Line 300

SEEPAGE PITS ☐ Depth 3' Size 50'X20' Number 2
SUMPS FILTER BEDS ☐ Distance to nearest: Well 700 Foundation -- Property Line 200
DISPOSAL PONDS ☐

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin county ordinances, state laws, and rules and regulations of the San Joaquin Local Health District.
Home owner or licensed agent's signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in such manner as to become subject to workman's compensation laws of California." Contractor's hiring or sub-contracting signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall employ persons subject to workman's compensation laws of California."

The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: AGENT Date: 7-28-89

FOR DEPARTMENT USE ONLY

Application Accepted by [signature] Date 7-28-89 Area 216

Pit or Grout Inspection by _____ Date _____ Final Inspection by [signature] Date 12/6/89

Additional Comments: _____

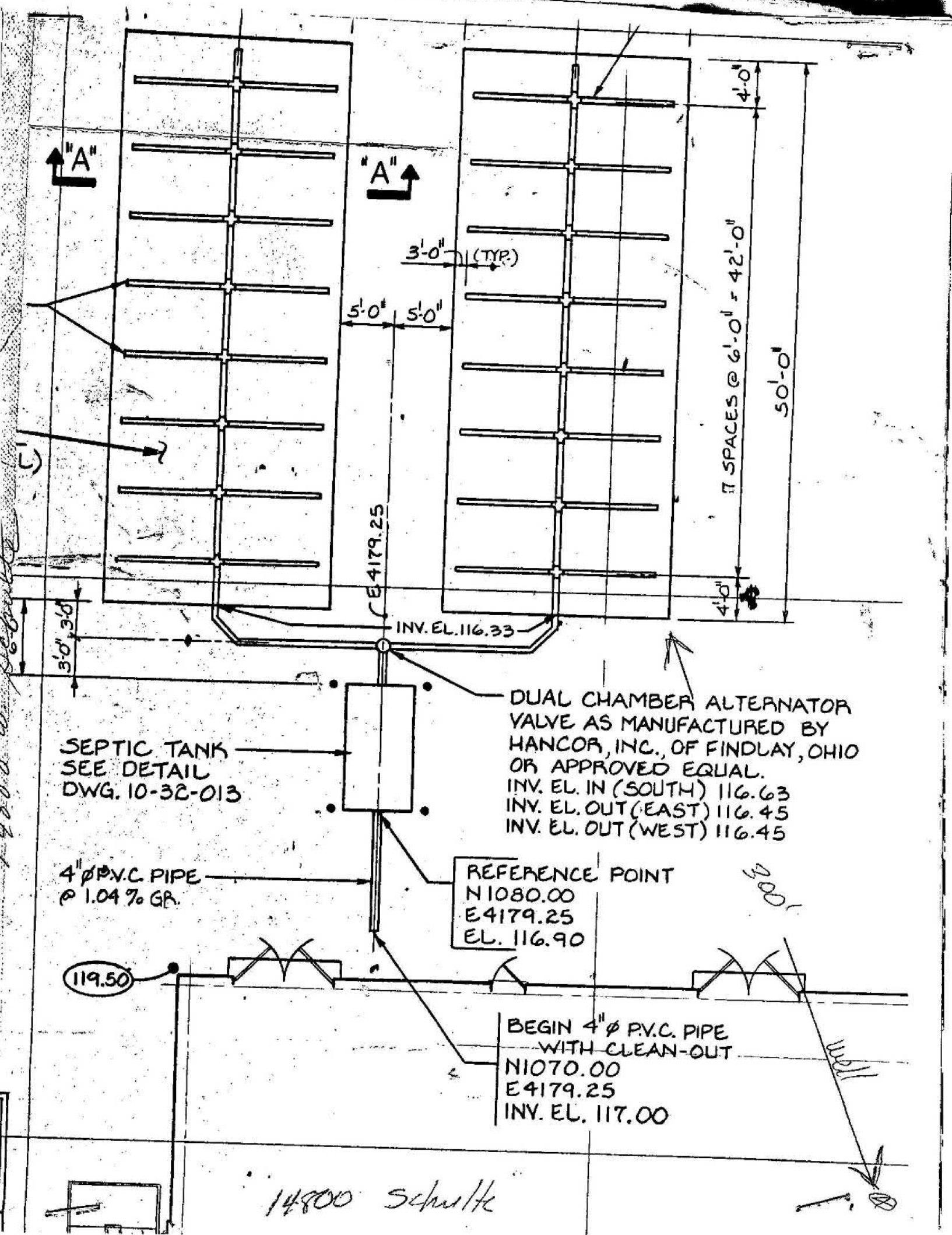
☐ Stk 466-6781 ☐ Lodi 369-3621 ☐ Manteca 823-7104 ☐ Tracy 835-6385

Applicant - Return all copies to: Environmental Health Permit/Services 1601 E. Hazelton Ave., P.O. Box 2009, Stk., CA 95201

FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK # CASH	RECEIVED BY	DATE	PERMIT NO.
	70.00	70.00	330		7-28-89	89/806

EH 13-24 (REV. 1/85)
EH 14-26

14800 W. Schulte


"A"
"A"
3'-0" (TYP.)
5'-0"
5'-0"
4'-0"
17 SPACES @ 6'-0" = 42'-0"
50'-0"
4'-0"
E4179.25
INV. EL. 116.33
6'-0"
3'-0"
3'-0"
DUAL CHAMBER ALTERNATOR VALVE AS MANUFACTURED BY HANCOR, INC., OF FINDLAY, OHIO OR APPROVED EQUAL.
INV. EL. IN (SOUTH) 116.63
INV. EL. OUT (EAST) 116.45
INV. EL. OUT (WEST) 116.45
SEPTIC TANK SEE DETAIL DWG. 10-32-013
4"ø P.V.C. PIPE @ 1.04% GR.
REFERENCE POINT
N1080.00
E4179.25
EL. 116.90
119.50
BEGIN 4"ø P.V.C. PIPE WITH CLEAN-OUT
N1070.00
E4179.25
INV. EL. 117.00
14800 Schulte

Charlie (before lunch)

APPLICATION FOR PERMIT
SAN JOAQUIN LOCAL HEALTH DISTRICT
1601 E. HAZELTON AVE., STOCKTON, CA
Telephone (209) 466-6781

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

(Complete in Triplicate)

Application is hereby made to the San Joaquin Local Health District for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 for sewage or No. 1862 for well/pump and the Rules and Regulations of the San Joaquin Local Health District.

Job Address 14800 W. Schulte City Tracy Lot Size _____ PM _____

Owner's Name Thermal Energy Address 14800 W. Schulte Phone 836-2949

Contractor Tracy Constructors Address 14800 W. Schulte License No. 534198 Phone 836-2949

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☐
PUMP INSTALLATION ☐ SYSTEM REPAIR ☐ OTHER ☐

DISTANCE TO NEAREST: SEPTIC TANK _____ SEWER LINES _____ DISPOSAL FLD. _____ PROP. LINE _____
FOUNDATION _____ AGRICULTURE WELL _____ OTHER WELL _____ PITS/SUMPS _____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS	
☐ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation _____	Dia. of Well Casing _____
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing _____	Specifications
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal _____	Type of Grout _____
☐ Irrigation	Approx. Depth	☐ Eastern	Surface Seal Installed by _____	

Repair Work Done ☐ Type of Pump _____ H.P. _____ State Work Done _____
Well Destruction ☐ Well Diameter _____ Sealing Material (top 50') _____
Depth _____ Filler Material (Below 50') _____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☒ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ____ Commercial ✓ Other _____
Number of living units: ____ Number of bedrooms _____
Character of soil to a depth of 3 feet: Clay adobe Water table depth 132'

SEPTIC TANK ☐ Type/Mfg P&L Capacity 1200 No. Compartments 2
PKG. TREATMENT PLT. ☐ Method of Disposal _____
Distance to nearest: Well 700' Foundation _____ Property Line _____

LEACHING LINE ☐ No. & Length of lines 2-45' Total length/size [redacted] 90'
FILTER BED ☐ Distance to nearest: Well _____ Foundation _____ Property Line _____

SEEPAGE PITS ☒ Depth 25' Size 33" Number 2
SUMPS ☐ Distance to nearest: Well 700' Foundation _____ Property Line _____
DISPOSAL PONDS ☐

14800 W. Schulte

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin county ordinances, state laws, and rules and regulations of the San Joaquin Local Health District.
Home owner or licensed agent's signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in such manner as to become subject to workman's compensation laws of California." Contractor's hiring or sub-contracting signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall employ persons subject to workman's compensation laws of California."

The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: AGENT Date: 7-28-89

FOR DEPARTMENT USE ONLY

Application Accepted by [signature] Date 7-28-89 Area 216

Pit or Grout Inspection by Greg Olivera Date 11/21/89 Final Inspection by Greg Olivera Date 12/5/89

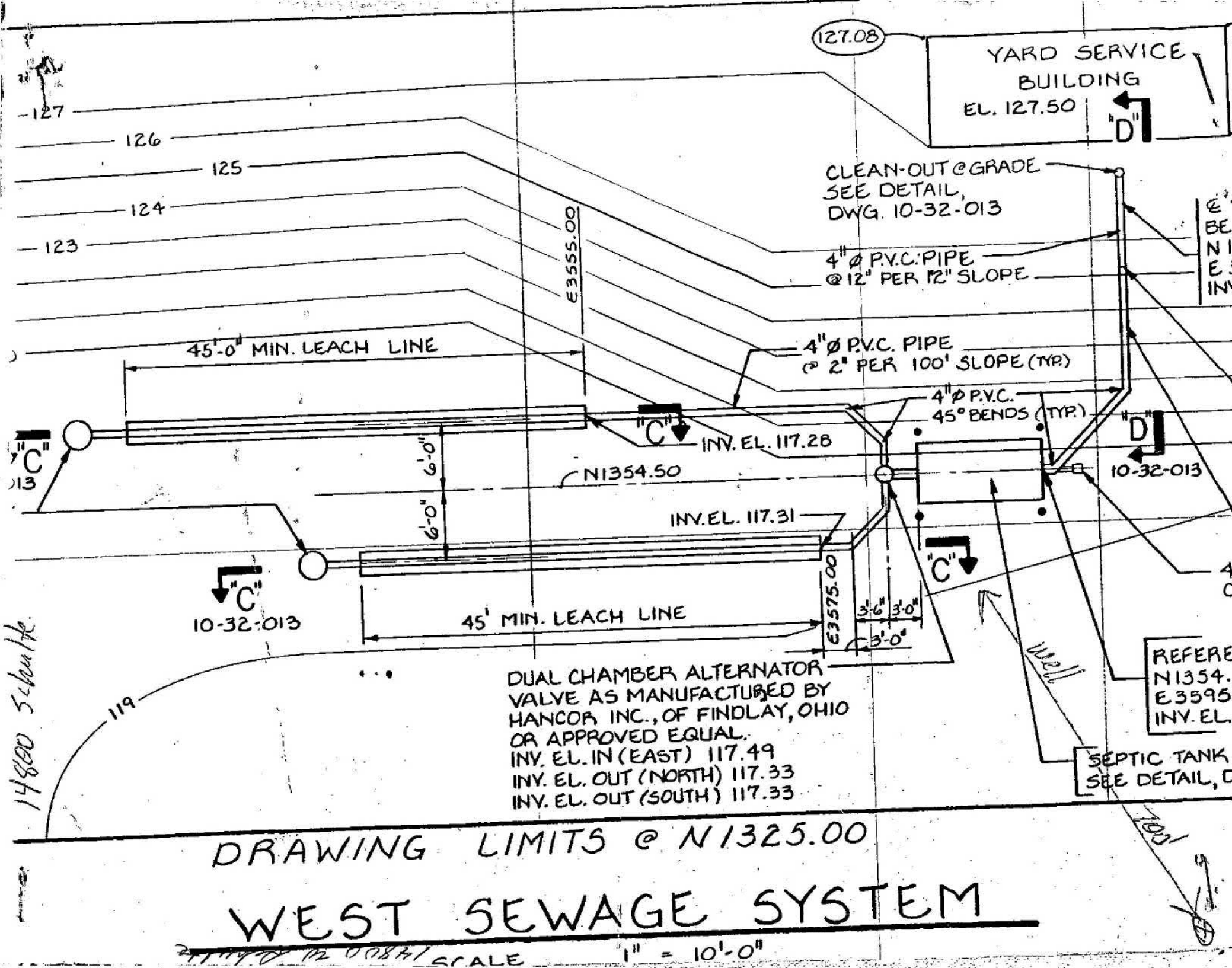
Additional Comments: _____

☐ Stk 466-6781 ☐ Lodi 369-3621 ☐ Manteca 823-7104 ☐ Tracy 835-6385

Applicant - Return all copies to: Environmental Health Permit/Services 1601 E. Hazelton Ave., P.O. Box 2009, Stk., CA 95201

FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK # CASH	RECEIVED BY	DATE	PERMIT NO.
	70.00	70.00	330		7-28-89	89-1807

EH 13-24 (REV. 1/85)
EH 14-26


127.08
YARD SERVICE BUILDING
EL. 127.50
"D"
127
126
125
124
123
CLEAN-OUT @ GRADE
SEE DETAIL,
DWG. 10-32-013
4" ø P.V.C. PIPE
@ 12" PER 12" SLOPE
E3555.00
45'-0" MIN. LEACH LINE
4" ø P.V.C. PIPE
@ 2" PER 100' SLOPE (TYP.)
4" ø P.V.C.
45° BENDS (TYP.)
"C"
INV. EL. 117.28
"D"
10-32-013
6'-0"
6'-0"
N1354.50
INV. EL. 117.31
"C"
10-32-013
45' MIN. LEACH LINE
E3575.00
3'-6"
3'-0"
3'-0"
DUAL CHAMBER ALTERNATOR
VALVE AS MANUFACTURED BY
HANCOR INC., OF FINDLAY, OHIO
OR APPROVED EQUAL.
INV. EL. IN (EAST) 117.49
INV. EL. OUT (NORTH) 117.33
INV. EL. OUT (SOUTH) 117.33
119
well
SEPTIC TANK
SEE DETAIL,
DRAWING LIMITS @ N1325.00
WEST SEWAGE SYSTEM
SCALE 1" = 10'-0"

APPLICATION FOR PERMIT

SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
1601 E. HAZELTON AVE., PHONE (209)468-3420
P O BOX 2009, STOCKTON, CA 95201

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED
(Complete in Triplicate)

Application is hereby made to San Joaquin County for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 and 1862 and the Rules and Regulations of San Joaquin County Public Health Services.

Job Address 14800 Schulte Rd City Tracy Lot Size/Acreage 40 acres

Owner's Name Tracy Constructors Address same Phone 463-3411

Contractor Clark Address 2024 E. Charter Way License No 371560 Phone 462-7676

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☒ Out of Service Well ☐
PUMP INSTALLATION ☐ SYSTEM REPAIR ☐ OTHER ☐ Monitoring Well ☐

DISTANCE TO NEAREST: SEPTIC TANK ____ SEWER LINES ____ DISPOSAL FLD. ____ PROP. LINE 70'
FOUNDATION ____ AGRICULTURE WELL ____ OTHER WELL 100' PITS/SUMPS ____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS
☐ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation ____ Dia. of Well Casing ____
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing ____ Specifications ____
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal ____ Type of Grout ____
☐ Irrigation	___ Approx. Depth	☐ Eastern	Surface Seal Installed by ____

Repair Work Done ☐ Type of Pump ____ H.P. ____ State Work Done ____
Well Destruction ☐ Well Diameter 6" Sealing Material & Depth ~~6 sack bottom to top~~ 280'
Depth 280' Filler Material & Depth ____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☐ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ____ Commercial ____ Other ____
Number of living units: ____ Number of bedrooms ____
Character of soil to a depth of 3 feet: ____ Water table depth ____

SEPTIC TANK. ☐ Type/Mfg ____ Capacity ____ No. Compartments ____
PKG. TREATMENT PLT. ☐ Method of Disposal ____
Distance to nearest: Well ____ Foundation ____ Property Line ____

LEACHING LINE ☐ No. & Length of lines ____ Total length/size ____
FILTER BED ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____

SEEPAGE PITS ☐ Depth ____ Size ____ Number ____
SUMPS ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____
DISPOSAL PONDS ☐

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin county ordinances, state laws, and rules and regulations of the San Joaquin County
Home owner or licensed agent's signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in such manner as to become subject to workman's compensation laws of California." Contractor's hiring or sub-contracting signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall employ persons subject to workman's compensation laws of California."

The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: VP Clark Well Date: 12 Sept 90

FOR DEPARTMENT USE ONLY

Application Accepted by [signature] Date 9/12/90 Area 16
Pit or Grout Inspection by ____ Date ____ Final Inspection by [signature] Date 9/13/90
Additional Comments: ____

Applicant - Return all copies to: San Joaquin County Public Health Services, Environmental Health Permit/Services
1601 E. Hazelton Ave., P O Box 2009, Stockton, CA 95201

FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK # CASH	RECEIVED BY	DATE	PERMIT NO.
	60.00	Charge	✓	AB	9-12-90	90-2429 D

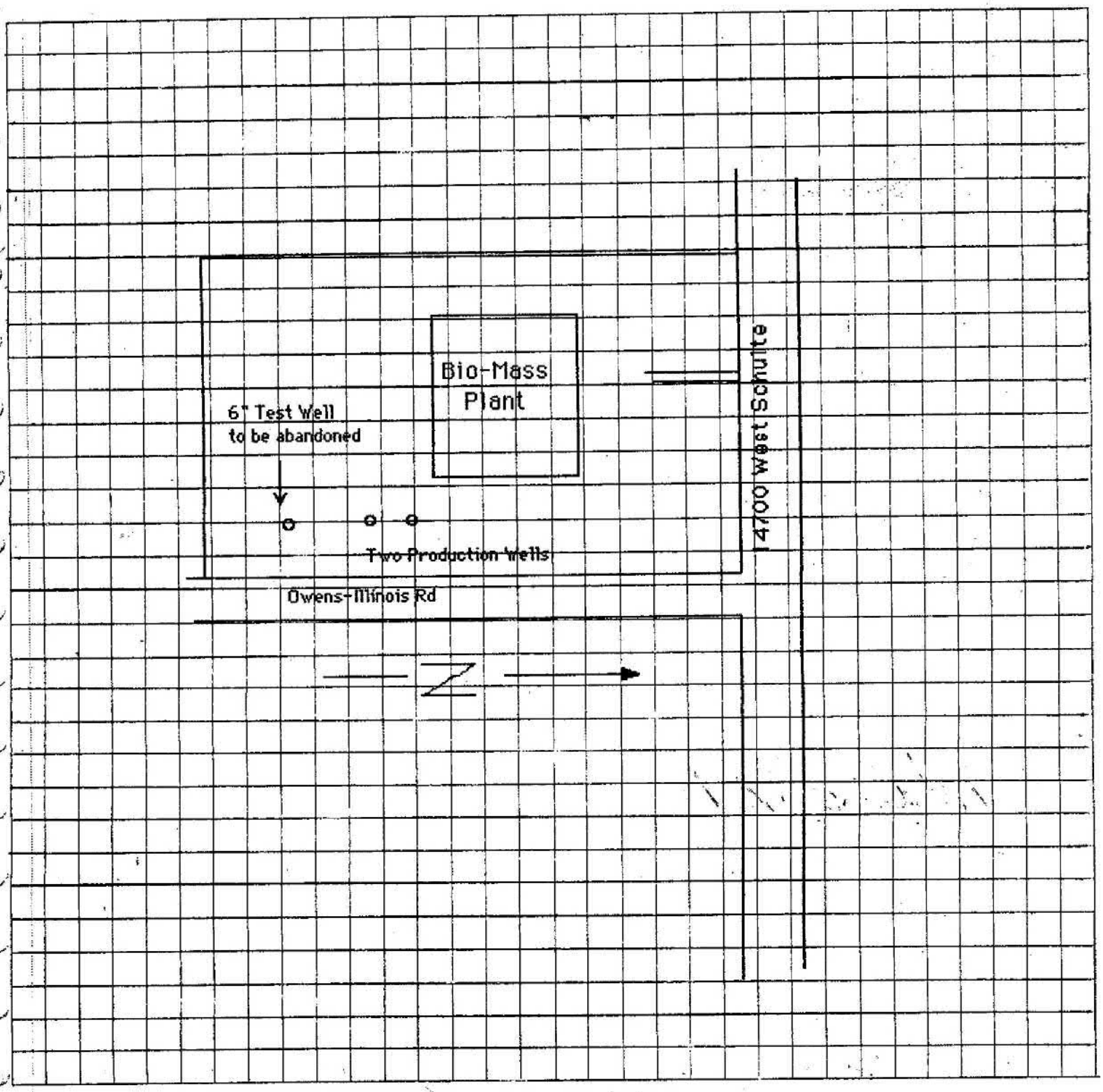
EH 13-24 (REV. 1/85)
EH 14-26

14800 Schulte, Tracy

PLOT PLAN
(Draw To Scale)

SCALE _____" TO_____

1. Names of streets or roads nearest to or bounding the property.
2. Outline of the property, giving dimensions and North direction.
3. Dimensioned outlines and locations of all existing and proposed structures, including covered areas such as patios, driveways and walks.
4. Location of house sewer outlet, public sewer, sewage disposal system or proposed sewage disposal system, proposed expansion of sewage disposal system, or any other possible source of contamination.
5. Location of other wells within radius of 150 feet on the property or adjoining property.
6. Location of sewage disposal system on adjoining property or within a radius of 150 feet.



APPLICATION FOR PERMIT

SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
445 N SAN JOAQUIN, PHONE (209)468-3420
P O BOX 2009, STOCKTON, CA 95201

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED
(Complete in Triplicate)

Application is hereby made to San Joaquin County for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 and 1862 and the Rules and Regulations of San Joaquin County Public Health Services.

Job Address 14800 W Schulte Rd City Tracy Lot Size/Acreage

Owner's Name Tracy Operators Address PO Bx 1211 Tracy Ca 95378 Phone

Contractor Peters Electric Inc Address PO Bx 16 Benta Ca 95304 License No. 453962 Phone 835-2814

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☐ Out of Service Well ☐
PUMP INSTALLATION ☑ SYSTEM REPAIR ☑ OTHER ☐ Monitoring Well ☐

DISTANCE TO NEAREST: SEPTIC TANK ____ SEWER LINES ____ DISPOSAL FLD. ____ PROP. LINE ____
FOUNDATION ____ AGRICULTURE WELL ____ OTHER WELL ____ PITS/SUMPS ____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS	
☐ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation	Dia. of Well Casing
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing	Specifications
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal	Type of Grout
☐ Irrigation	Approx. Depth	☐ Eastern	Surface Seal Installed by	

Repair Work Done ☑ Type of Pump Sub H.P. 30 State Work Done Replaced pump
Well Destruction ☐ Well Diameter ____ Sealing Material & Depth ____
Depth ____ Filler Material & Depth ____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☐ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ____ Commercial ____ Other ____
Number of living units: ____ Number of bedrooms ____
Character of soil to a depth of 3 feet: ____

SEPTIC TANK ☐ Type/Mfg ____ Capacity ____ Water Volume ____
PKG. TREATMENT PLT. ☐ No. Compartments ____ Method of Disposal ____
Distance to nearest: Well ____ Foundation ____ Property Line ____

PAYMENT RECEIVED JAN 27 1993 SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES ENVIRONMENTAL HEALTH DIVISION

LEACHING LINE ☐ No. & Length of lines ____ Total length/size ____
FILTER BED ☐ Distance to nearest: Well ____ Foundation ____

SEEPAGE PITS ☐ Depth ____ Size ____ Number ____
SUMPS ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____
DISPOSAL PONDS ☐

14800 W. SCHULTE RD.

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin county ordinances, state laws, and rules and regulations of the San Joaquin County
Home owner or licensed agent's signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in such manner as to become subject to workman's compensation laws of California." Contractor's hiring or sub-contracting signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall employ persons subject to workman's compensation laws of California."

The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: Pres Date: 1-26-93

FOR DEPARTMENT USE ONLY

Application Accepted by [signature] Date 1/29/93 Area 216
Pit or Grout Inspection by ____ Date ____ Final Inspection by [signature] Date 2/1/93
Additional Comments: ____

Applicant - Return all copies to: San Joaquin County Public Health Services
Environmental Health Permit/Services
445 N San Joaquin, P O Box 2009, Stkn, CA 95201

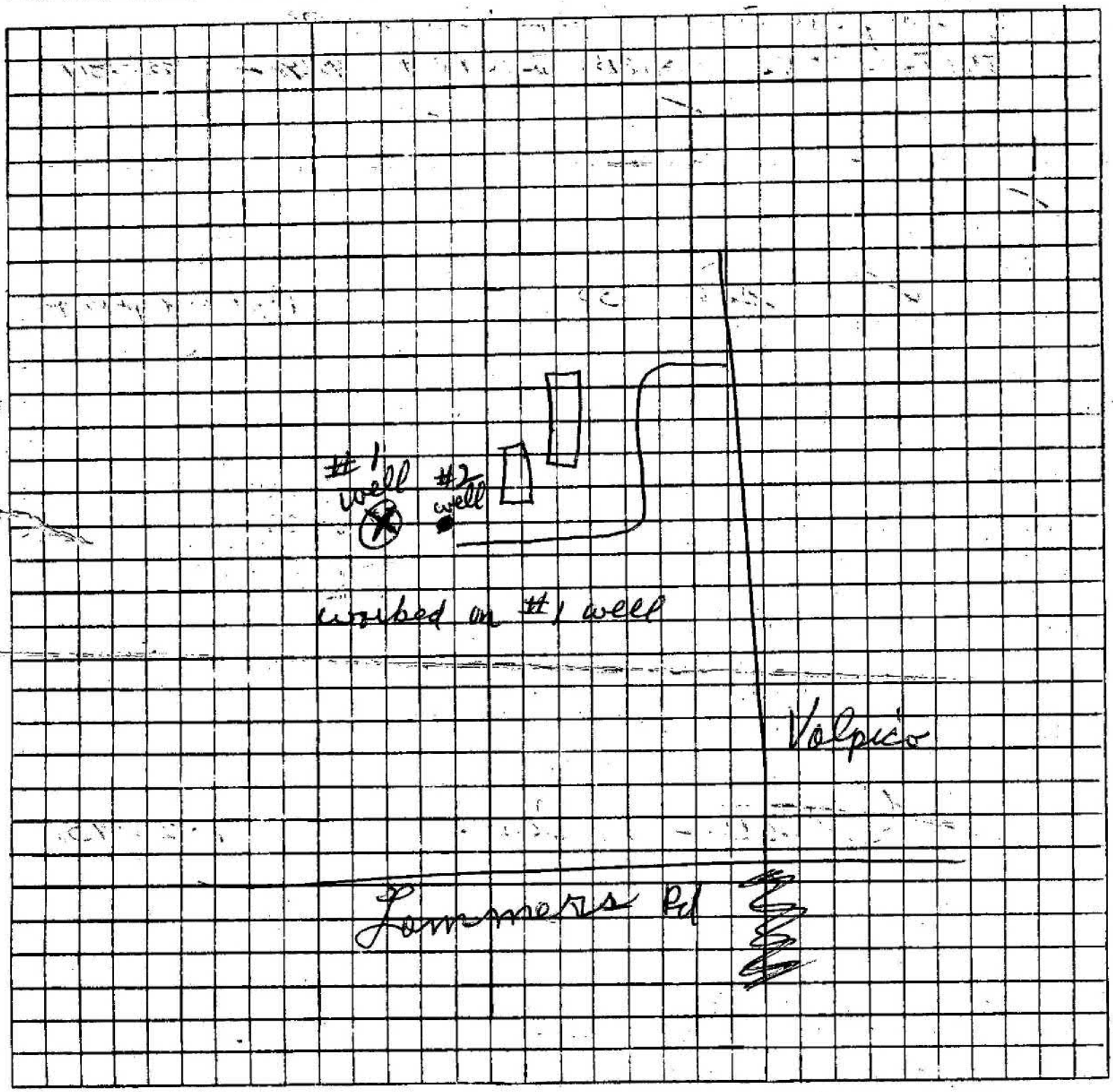
FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK # CASH	RECEIVED BY	DATE	PERMIT NO.
PR	$45.00	45.00	3375	GO	1/29/93	93-0133

EH 13-24 (REV. 1/88)
EH 14-20

PLOT PLAN
(Draw To Scale)

SCALE _____" TO_____

1. Names of streets or roads nearest to or bounding the property.
2. Outline of the property, giving dimensions and North direction.
3. Dimensioned outlines and locations of all existing and proposed structures, including covered areas such as patios, driveways and walks.
4. Location of house sewer outlet, public sewer, sewage disposal system or proposed sewage disposal system, proposed expansion of sewage disposal system, or any other possible source of contamination.
5. Location of other wells within radius of 150 feet on the property or adjoining property.
6. Location of sewage disposal system on adjoining property or within a radius of 150 feet.



APPLICATION

SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
445 N SAN JOAQUIN, PHONE (209)468-3420
P O BOX 2009, STOCKTON, CA 95201

SR # 3100
D # 4900
P #
V # 10093

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED
(Complete in Triplicate)

Application is hereby made to San Joaquin County for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 and 1862 and the Rules and Regulations of San Joaquin County Public Health Services.

Job Address 14800 W. Schulte Rd City Tracy Lot Size/Acreage

Owner's Name Tracy Operators Address P.O. Bx 1211 Tracy Ca 95378 Phone

Contractor Freitas Elect Inc Address PO Bx 16 Benta Ca 95304 License No. 453962 Phone 835-2814

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☐ Out of Service Well ☐
PUMP INSTALLATION ☑ SYSTEM REPAIR ☑ OTHER ☐ Monitoring Well ☐

DISTANCE TO NEAREST: SEPTIC TANK ____ SEWER LINES ____ DISPOSAL FLD. ____ PROP. LINE ____
FOUNDATION ____ AGRICULTURE WELL ____ OTHER WELL ____ PITS/SUMPS ____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS	
☑ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation ____	Dia. of Well Casing ____
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing ____	Specifications ____
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal ____	Type of Grout ____
☐ Irrigation	____ Approx. Depth	☐ Eastern	Surface Seal Installed by ____	

Repair Work Done ☑ Type of Pump sub H.P. 30 State Work Done Replaced pump
Well Destruction ☐ Well Diameter ____ Sealing Material & Depth ____
Depth ____ Filler Material & Depth ____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☐ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ____ Commercial ____ Other ____
Number of living units: ____ Number of bedrooms ____
Character of soil to a depth of 3 feet: ____ Water table depth ____

PAYMENT RECEIVED MAY 19 1994 SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES ENVIRONMENTAL HEALTH DIVISION

SEPTIC TANK ☐ Type/Mfg ____ Capacity ____ No. Compartments ____
PKG. TREATMENT PLT. ☐ Method of Disposal ____
Distance to nearest: Well ____ Foundation ____ Property Line ____

LEACHING LINE ☐ No. & Length of lines ____ Total length/size ____
FILTER BED ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____

SEEPAGE PITS ☐ Depth ____ Size ____ Number ____
SUMPS ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____
DISPOSAL PONDS ☐

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin county ordinances, state laws, and rules and regulations of the San Joaquin County
Home owner or licensed agent's signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in such manner as to become subject to workman's compensation laws of California." Contractor's hiring or sub-contracting signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall employ persons subject to workman's compensation laws of California."

The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: Pres Date: 4-18-94

FOR DEPARTMENT USE ONLY

Application Accepted by Borgma Date 4/18/94 Area 216

Pit or Grout Inspection by ____ Date ____ Final Inspection by Roger Mathew Date 5-17-94

Additional Comments: ____

Applicant - Return all copies to: San Joaquin County Public Health Services
Environmental Health Permit/Services
445 N San Joaquin, P O Box 2009, Stkn, CA 95201

SR000310D

43.80

FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK# CASH	RECEIVED BY	DATE	PERMIT NO.
PR	45.00	45.00	4026	[signature]	5/19/94	3100

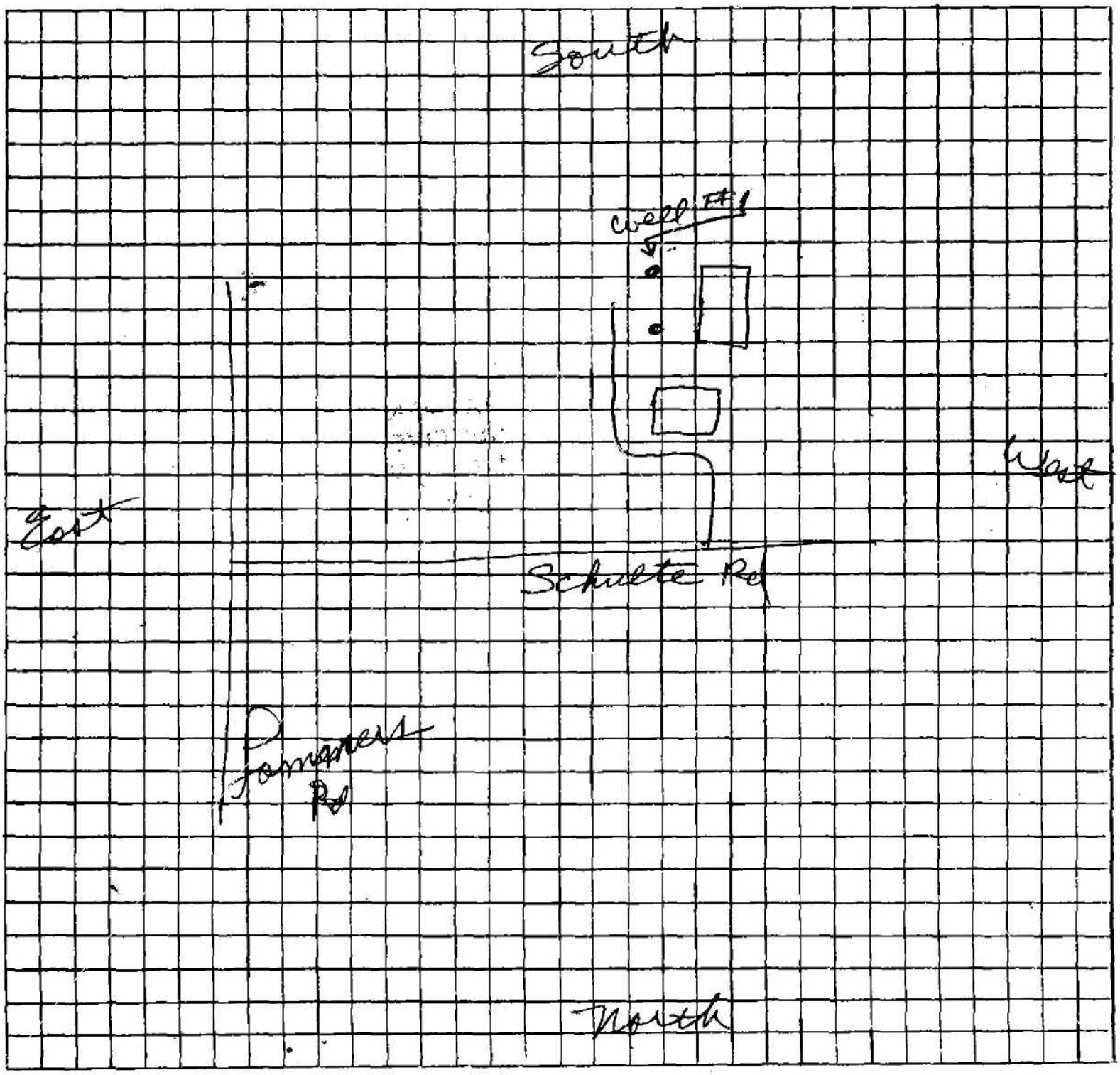
EH 13-24 (REV. 1/86)
EH 14-28

14800 W. SCHULTE RD.

PLOT PLAN
(Draw To Scale)

SCALE _____" TO _____

1. Names of streets or roads nearest to or bounding the property.
2. Outline of the property, giving dimensions and North direction.
3. Dimensioned outlines and locations of all existing and proposed structures, including covered areas such as patios, ~~driveways and walks.~~
4. Location of house sewer outlet, public sewer, sewage disposal system or proposed sewage disposal system proposed expansion of sewage disposal system, or any other possible source of contamination.
5. Location of other wells within radius of 150 feet on the property or adjoining property.
6. Location of sewage disposal system on adjoining property or within a radius of 150 feet.



APPLICATION FOR WELL/PUMP PERMIT
SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
P.O. BOX 388, 304 EAST WEBER AVENUE, STOCKTON, CA 95201-388
(209) 468-3420

NON-REFUNDABLE PERMIT EXPIRES 1 YEAR FROM DATE ISSUED
(Complete in Triplicate)

APPLICATION IS HERE BY MADE TO THE SAN JOAQUIN COUNTY FOR A PERMIT TO CONSTRUCT AND/OR INSTALL THE WORK DESCRIBED. THIS APPLICATION IS MADE IN COMPLIANCE WITH SAN JOAQUIN COUNTY DEVELOPMENT TITLE, CHAPTER 9-1115.3 AND THE STANDARDS OF SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES, ENVIRONMENTAL HEALTH DIVISION.

JOB ADDRESS/OR APN# 14800 W. Schulte CITY Tracy PARCEL SIZE/APN#
OWNER'S NAME Tracy Operators ADDRESS PO Box 1211 Tracy PHONE # 835-6914
CONTRACTOR Freitas Elec. Inc. ADDRESS PO Box 16 Banta LIC# 453962 PHONE # 835-2814
SUB CONTRACTOR ADDRESS LIC# PHONE #

TYPE OF WELL/PUMP: ☐ NEW WELL ☐ REPLACEMENT WELL ☐ MONITORING WELL # ☐ OTHER
☐ INSTALLATION ☐ WELL SYSTEM REPAIR ☐ CROSS-CONNECT REPAIR ☐ VAPOR EXTRACTION WELL #
Sub (TYPE OF PUMP) ☐ New ☐ Repair H.P. 30 DEPTH PUMP SET ___ FT. FIRST WATER LEVEL
☐ OUT-OF-SERVICE WELL ☐ GEOPHYSICAL WELL # ☐ SOIL BORING
☐ DESTRUCTION:

JOB ADDRESS 14800 W. Schulte

INTENDED USE	TYPE OF WELL	CONSTRUCTION SPECIFICATIONS	
☐ INDUSTRIAL	☐ OPEN BOTTOM	DIA. OF WELL EXCAVATION	DIA. OF CONDUCTOR CASING
☑ DOMESTIC/PRIVATE	☐ GRAVEL PACK/SIZE	TYPE OF CASING/STEEL/PVC	DIA. OF WELL CASING
☐ PUBLIC/MUNICIPAL	☐ DRIVEN	DEPTH OF GROUT SEAL	SPECIFICATION
☐ IRRIGATION/AG	☐ OTHER	GROUT SEAL INSTALLED BY	GROUT BRAND NAME
☐ MONITORING		GROUT SEAL PUMPED: ☐ Yes ☐ No	CONCRETE PEDESTAL BY DRILLER: ☐ Yes ☐ No
APPROX. DEPTH		LOCKING CHESTER BOX/STOVE PIPE	

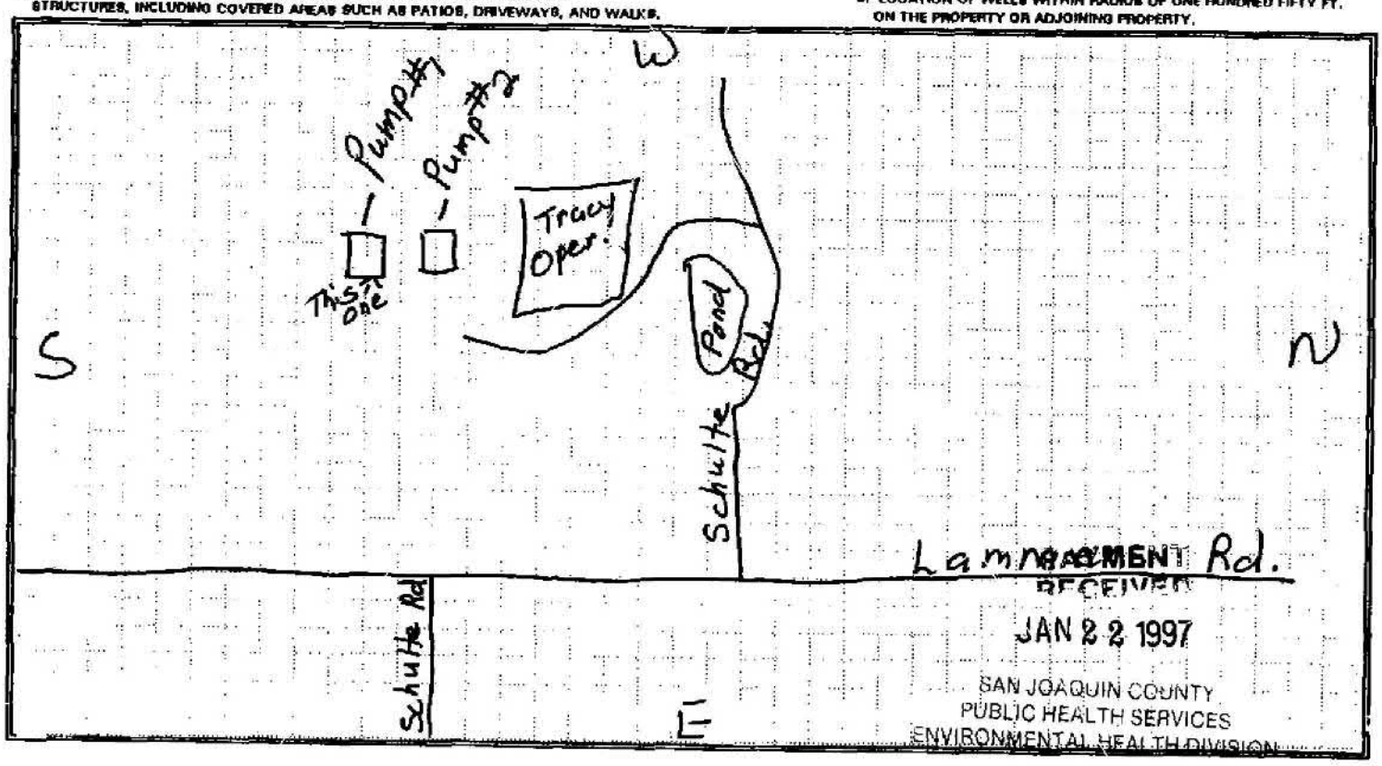
PROPOSED CONSTRUCTION/DRILLING METHOD: MUD ROTARY ___ AIR ROTARY ___ AUGER ___ CABLE ___ OTHER ___

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS OF THE SAN JOAQUIN COUNTY. HOME OWNER OR LICENSED AGENT'S SIGNATURE CERTIFIES THE FOLLOWING: "I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY PERSONS SUBJECT TO WORKMAN'S COMPENSATION LAWS OF CALIFORNIA." CONTRACTOR'S HIRING OR SUB-CONTRACTING SIGNATURE CERTIFIES THE FOLLOWING: " I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL EMPLOY PERSONS SUBJECT TO WORKMAN'S COMPENSATION LAWS OF CALIFORNIA." THE APPLICANT MUST CALL 24 HOURS IN ADVANCE FOR ALL REQUIRED INSPECTIONS AT (209) 468-3423. COMPLETE DRAWING AT LOWER AREA PROVIDED.

Signed X Linda Martin Title Permit Person Date 1-15-97

PLOT PLAN (Draw to Scale) Scale ___ " to ___

1. NAMES OF STREETS OR ROADS NEAREST TO OR BOUNDING THE PROPERTY.
2. OUTLINE OF THE PROPERTY, GIVING DIMENSIONS AND NORTH DIRECTION.
3. DIMENSIONED OUTLINES AND LOCATION OF ALL EXISTING AND PROPOSED STRUCTURES, INCLUDING COVERED AREAS SUCH AS PATIOS, DRIVEWAYS, AND WALKS.
4. LOCATION OF HOUSE SEWAGE DISPOSAL SYSTEM OR PROPOSED EXPANSION OF SEWAGE DISPOSAL SYSTEMS.
5. LOCATION OF WELLS WITHIN RADIUS OF ONE HUNDRED FIFTY FT. ON THE PROPERTY OR ADJOINING PROPERTY.



RECEIVED
JAN 22 1997
SAN JOAQUIN COUNTY
PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION

DEPARTMENT USE ONLY

Application Accepted By C. Borgman Date 1/21/97 Area 216
Grout Inspection By ___ Date ___ Pump Inspection By J Carrubbo Date 9-2-97
Destruction Inspection By ___ Date ___
Comments:

ACCOUNTING ONLY:	AID#	FAC#

FE CODE#	FEE INFO	AMOUNT REMITTED	CHECK#/CASH	RECEIVED BY	DATE	PERMIT/SERVICE REQUEST NUMBER	INVOICE
4380	050	50	#18944	LB	1/22/97	~~[illegible]~~ SR001141	035135

Pub. Health Serv. - Enviro. 173 (3/96)

WP0020944

PUMP

APPLICATION FOR WELL/PUMP PERMIT
SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
304 EAST WEBER AVENUE, STOCKTON, CA 95202
(209) 468-3420

NON-REFUNDABLE PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

(Complete in Triplicate)

APPLICATION IS HERE BY MADE TO THE SAN JOAQUIN COUNTY FOR A PERMIT TO CONSTRUCT AND/OR INSTALL THE WORK DESCRIBED. THIS APPLICATION IS MADE IN COMPLIANCE WITH SAN JOAQUIN COUNTY DEVELOPMENT TITLE, CHAPTER 9-1115.3 AND THE STANDARDS OF SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES, ENVIRONMENTAL HEALTH DIVISION.

JOB ADDRESS/OR APN# 14800 Schulte Rd. CITY Tracy PARCEL SIZE/AP#

OWNER'S NAME Tracy Operators ADDRESS P.O.Box 1211 Tracy PHONE #

CONTRACTOR Freitas Electric, Inc. ADDRESS P.O.Bx 16 Banta LIC# 453962 PHONE # 835-2814

SUB CONTRACTOR ADDRESS 95304 LIC# PHONE #

TYPE OF WELL/PUMP: ☐ NEW WELL ☐ REPLACEMENT WELL ☐ MONITORING WELL # ☐ OTHER

Sub (TYPE OF PUMP) ☐ INSTALLATION ☐ New ☐ Repair ☐ WELL SYSTEM REPAIR H.P. 30 ☐ CROSS-CONNECT REPAIR DEPTH PUMP SET 252 FT. ☐ VAPOR EXTRACTION WELL # FIRST WATER LEVEL

☐ OUT-OF-SERVICE WELL ☐ GEOPHYSICAL WELL # ☐ SOIL BORING

☐ DESTRUCTION:

INTENDED USE	TYPE OF WELL	CONSTRUCTION SPECIFICATIONS	
☒ INDUSTRIAL	☐ OPEN BOTTOM	DIA. OF WELL EXCAVATION	DIA. OF CONDUCTOR CASING
☐ DOMESTIC/PRIVATE	☐ GRAVEL PACK/SIZE	TYPE OF CASING/STEEL/PVC	DIA. OF WELL CASING
☐ PUBLIC/MUNICIPAL	☐ DRIVEN	DEPTH OF GROUT SEAL	SPECIFICATION
☐ IRRIGATION/AG	☐ OTHER	GROUT SEAL INSTALLED BY	GROUT BRAND NAME
☐ MONITORING		GROUT SEAL PUMPED: ☐ Yes ☐ No	CONCRETE PEDESTAL BY DRILLER: ☐ Yes ☐ No
APPROX. DEPTH 260		LOCKING CHESTER BOX/STOVE PIPE	

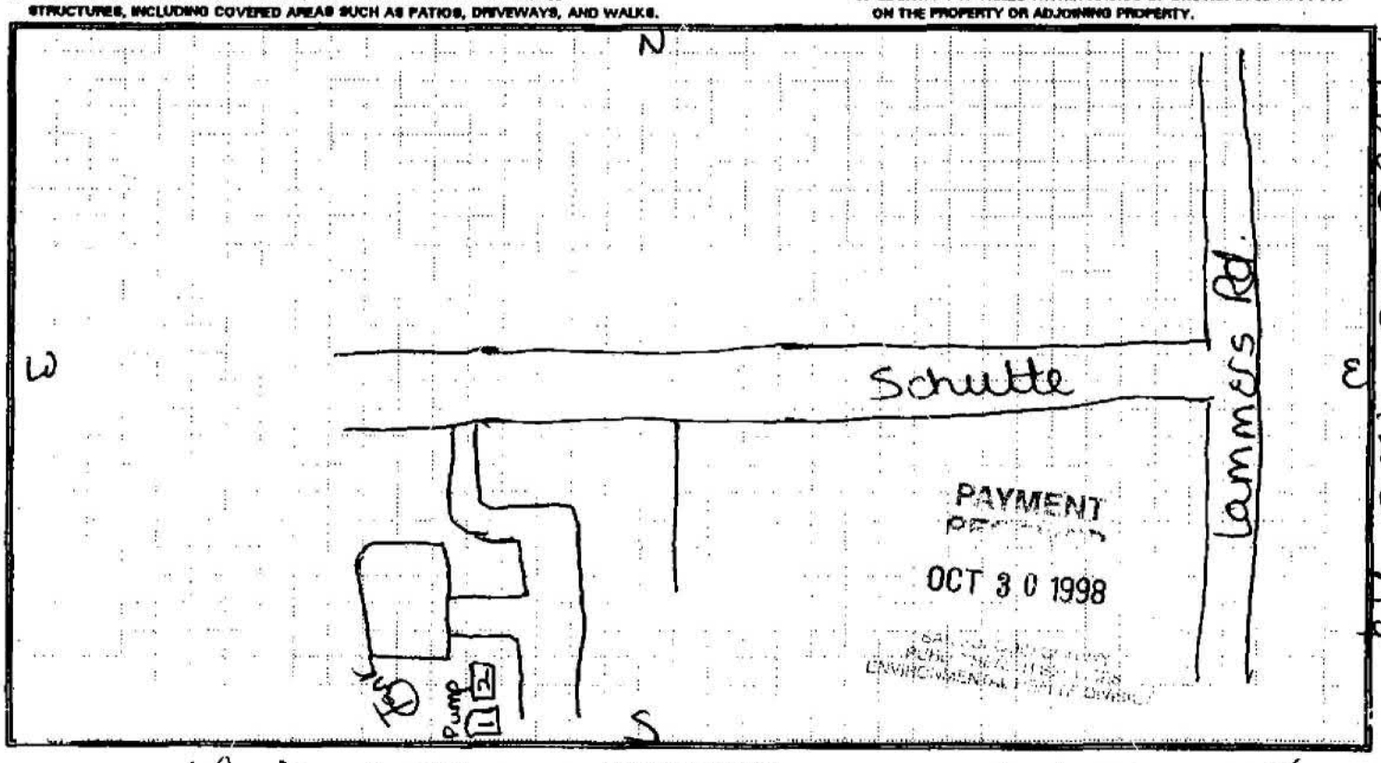
PROPOSED CONSTRUCTION/DRILLING METHOD: MUD ROTARY AIR ROTARY AUGER CABLE OTHER

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS OF THE SAN JOAQUIN COUNTY. HOME OWNER OR LICENSED AGENT'S SIGNATURE CERTIFIES THE FOLLOWING: "I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY PERSONS SUBJECT TO WORKMAN'S COMPENSATION LAWS OF CALIFORNIA." CONTRACTOR'S HIRING OR SUB-CONTRACTING SIGNATURE CERTIFIES THE FOLLOWING: "I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL EMPLOY PERSONS SUBJECT TO WORKMAN'S COMPENSATION LAWS OF CALIFORNIA." THE APPLICANT MUST CALL 24 HOURS IN ADVANCE FOR ALL REQUIRED INSPECTIONS AT (209) 468-3423. COMPLETE DRAWING AT LOWER AREA PROVIDED.

Signed X [signature] Title Pres Date 10-28-98

PLOT PLAN (Draw to Scale) Scale ____" to ____

1. NAMES OF STREETS OR ROADS NEAREST TO OR BOUNDING THE PROPERTY.
2. OUTLINE OF THE PROPERTY, GIVING DIMENSIONS AND NORTH DIRECTION.
3. DIMENSIONED OUTLINES AND LOCATION OF ALL EXISTING AND PROPOSED STRUCTURES, INCLUDING COVERED AREAS SUCH AS PATIOS, DRIVEWAYS, AND WALKS.
4. LOCATION OF HOUSE SEWAGE DISPOSAL SYSTEM OR PROPOSED EXPANSION OF SEWAGE DISPOSAL SYSTEMS.
5. LOCATION OF WELLS WITHIN RADIUS OF ONE HUNDRED FIFTY FT. ON THE PROPERTY OR ADJOINING PROPERTY.



DEPARTMENT USE ONLY

Application Accepted By Linda A. Turbatte Date 10/30/98 Area 216

Grout Inspection By ____ Date ____ Pump Inspection By [signature] Date 1-24-00

Destruction Inspection By ____ Date ____

Comments: 1-24-2000 Both wells ok [signature]

ACCOUNTING ONLY:	AID#	FAC#

PF CODES	FEE INFO	AMOUNT REMITTED	CHECK/CASH	RECEIVED BY	DATE	PERMIT/SERVICE REQUEST NUMBER	INVOICE
4380	050	$150.00	2376	[illegible]	10/30/98	~~017406~~ SR0017406	

WELL / PUMP PERMIT

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT — 304 E WEBER AVE 3RD FL - STOCKTON CA 95202 - (209) 468-3420

NON-REFUNDABLE PERMIT — CALL (209) 953-7697 FOR INSPECTIONS — EXPIRES 1 YEAR FROM DATE ISSUED

SITE ADDRESS: 14800 W. Schulte Rd - Tracy

JOB ADDRESS 14800 W. SCHULTE RD. CITY/ZIP Tracy, Ca. 95376
CROSS STREET Lammers APN 209-240-23 PARCEL SIZE 37.96
OWNER NAME TRACY OPERATORS PHONE (209) 835-6914
OWNER ADDRESS 14800 W. SHULTE RD. CITY/STATE/ZIP Tracy, Ca. 95376
CONTRACTOR West Coast Sign DBA: Beasley Electric Pump PHONE (209) 835-2814
CONTRACTOR ADDRESS P.O. Box 159 CITY/STATE/ZIP Tracy, Ca. 95378
SUBCONTRACTOR N/a PHONE N/a
SUBCONTRACTOR ADDRESS N/a CITY/STATE/ZIP N/a
LICENSE ☐ C-57 ☒ C-61 ☐ D-09 ☒ Other C10, D21 NUMBER 739938 EXPIRATION DATE 8/31/03

GEOGRAPHICAL INFORMATION: Coordinates X ____ Y ____ Township ____ Range ____ Section ____

INTENDED USE ☐ Domestic/Private ☐ Irrigation/Agricultural ☒ Industrial ☐ Water Quality Monitoring ☐ Soil Sampling/Characterization
☐ Public Water System (If different from Owner: Water System Name / Contact Name or Phone Number)

TYPE OF WORK ☐ New Well ☐ Replacement Well ☐ Well Alteration/Modification ☐ Test Hole ☐ Other ____
☐ Monitoring Well(s) ____ number of wells ☐ Soil Boring(s) ____ number of borings ☐ Geotechnical ____ number of borings
☐ Well Destruction ☐ Out-Of-Service Well ☐ Out-Of-Service Well Renewal
☐ New Pump ☒ Pump Replacement ☐ Pump Repair ☐ Cross-Connection Repair

WELL CONSTRUCTION
Drilling Method ☐ Mud Rotary ☐ Air Rotary ☐ Auger ☐ Cable Tool ☐ Push Point ☐ Other ____
Proposed Well Depth ____ ft Excavation ____ in diameter ☐ Open Bottom ☐ Gravel Pack / Gravel Size ____ in diameter
☐ Conductor Casing ____ in diameter / Conductor Casing Depth ____ ft
Well Casing Diameter ____ in Thickness/Gauge/ASTM Sched ____ ☐ Steel ☐ Plastic ☐ Stainless Steel ☐ Other ____
Grout Seal Depth ____ ft ☐ Neat Cement *(94 lb bag / 5-10 gal water)* ☐ Sand Cement ____ *sack mix* / 7 gal water
☐ Bentonite (20% solids) ☐ Manufacturer Spec % solids ____ % Name ____ ☐ Specs on File ☐ Specs Submitted
Grout Placement Method ☐ Pumped ☐ Free Fall ☐ Other ____ ☐ Retardant / Accelerator (name) ____

PEDESTAL Installed By ☐ Driller ☐ Pump Contractor ☐ Other ____
☐ Concrete Pedestal Dimensions: Width ____ ft Length ____ ft Thick ____ in ☐ Christy Box ☐ Stove Pipe

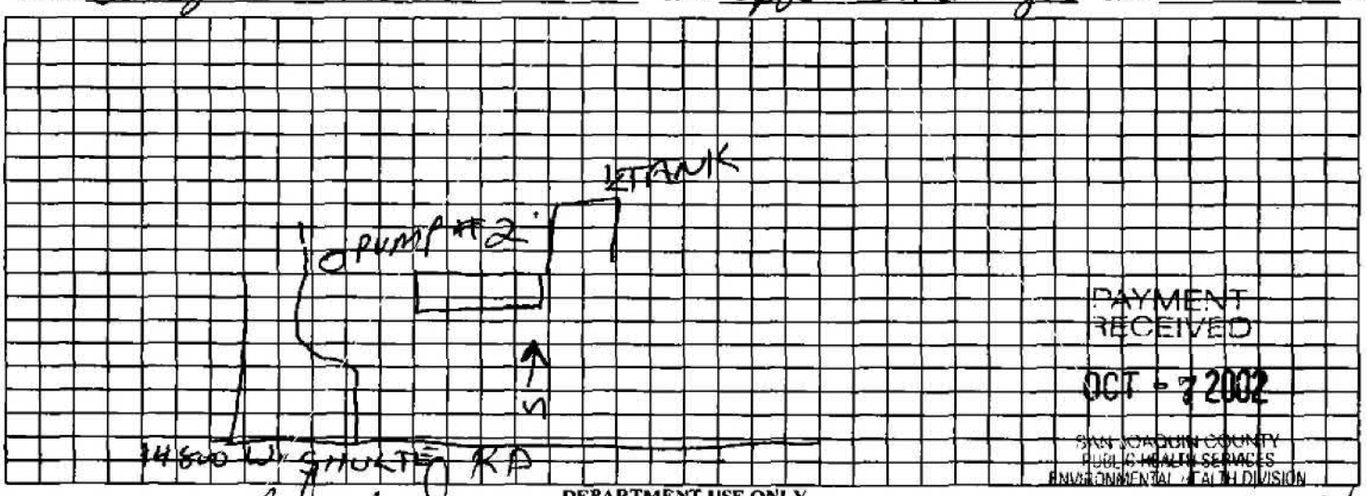
PUMP ☒ Submersible ☐ Turbine ☐ Other ____ HP 30 Pump Set 252 ft Standing Water Level 176 ft

WELL DESTRUCTION ☐ Open Bottom ☐ Gravel Pack ☐ Uncased ☐ Other ____
Well Diameter ____ in Total Depth ____ ft Depth to Water ____ ft ☐ Casing to be Perforated from ____ ft to ____ ft
Sealing Material ☐ Neat Cement *(94 lb bag / 5-10 gal water)* ☐ Sand Cement ____ *sack mix* / 7 gal water ☐ Bentonite Pellets
☐ Bentonite (20% solids) ☐ Manufacturer Spec % solids ____ % Name ____ ☐ Specs on File ☐ Specs Submitted
Placement Method ☐ Pumped ☐ Free Fall ☐ Other ____
☐ Complete with Mushroom Cap ____ ft below grade ☐ Complete to Existing Surface Pad

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS. I ALSO CERTIFY THAT MY REQUIRED LICENSE IS CURRENT AND ACTIVE WITH THE CALIFORNIA CONTRACTORS STATE LICENSE BOARD AND THAT I AM IN COMPLIANCE WITH ALL WORKERS COMPENSATION LAWS.

MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS

SIGNED Angela Freitas TITLE Office Manager DATE 9-30-02



PAYMENT RECEIVED
OCT - 7 2002
SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES ENVIRONMENTAL HEALTH DIVISION

05/99

DEPARTMENT USE ONLY

Application Accepted By [illegible] Date 10-07-02 Area 216 Employee ID# 5544
Grout Inspection By ____ Date ____ ☐ SPECIAL Well Permit
Pump Inspection By [illegible] Date 10/24/02 ☐ WAIVER Received
Destruction Inspection By ____ Date ____ Constructed Well Depth ____ ft
COMMENTS ____

PE Codes	SC Info	Amount Remitted	Check#/ Cash	Received By	Date	Permit/ Service Request #	Invoice #	Well ID#
4380	050	50.00	11580	KL	10/7/02	SR0031472		WP6024777

JOB ADDRESS: 14800 W. Shulte Rd. - Tracy **PERMIT #:** _____

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License # 739938 **Expiration Date** 8/31/03

Date _____ **Contractor** Angela Freitas

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: *Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt herefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500)*):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Section 7044, Business and Professions Code: *The contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.*)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code (B&PC): The Contractor's License Law does not apply to an owner of property who builds or improves hereon, and who constructs for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Section _____ , B&PC for this reason _____

Date: _____ **Owner** _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Section 3800, Labor Code).

Expiration Date _____ **Company** _____

☐ Certified copy is hereby furnished

☒ Certified copy is filed with the Environmental Health Department

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date: _____ **Applicant** _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).

Lender's Name _____

Lender' Address _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTICATION

☒ I hereby certify that no excavation five (5) or more feet in depth into which a person is required to descend, will be made in connection with work authorized by the permit, and that no building structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than thirty-six (36) feet high. (Chapter 3.2, Group 2, Article 2, Section 341, Title 8, California Administrative Code).

☐ As owner-builder, I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above, unless such person has a permit to do such work from the division.

☐ Division of Industrial Safety Permit # _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to well construction and or sewage system construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Date _____ **Applicant** Angela Freitas

WELL / PUMP PERMIT

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT — 304 E WEBER AVE 3RD FL - STOCKTON CA 95202 - (209) 468-3420

NON-REFUNDABLE PERMIT — CALL (209) 953-7697 FOR INSPECTIONS — EXPIRES 1 YEAR FROM DATE ISSUED

SITE ADDRESS:

JOB ADDRESS 14800 Schulte CITY/ZIP Tracy

CROSS STREET Lammers APN 209-240-23 PARCEL SIZE 37.96 LAND USE APPLICATION #

OWNER NAME Tracy Operations PHONE 835-6914

OWNER ADDRESS CITY/STATE/ZIP

CONTRACTOR West Coast Sign + Electric inc DBA PHONE 835-2814

CONTRACTOR ADDRESS Beasley Electric PO Box 159 CITY/STATE/ZIP Tracy

SUBCONTRACTOR PHONE

SUBCONTRACTOR ADDRESS CITY/STATE/ZIP

LICENSE ☐ C-57 ☐ C-61 ☐ D-09 ☒ Other C10 D21 NUMBER 739938 EXPIRATION DATE 8-31-05

GEOGRAPHICAL INFORMATION: Coordinates X Y Township Range Section

INTENDED USE ☐ Domestic/Private ☐ Irrigation/Agricultural ☒ Industrial ☐ Water Quality Monitoring ☐ Soil Sampling/Characterization
☐ Public Water System If different from Owner: Water System Name Contact Name or Phone Number

TYPE OF WORK ☐ New Well ☐ Replacement Well ☐ Well Alteration/Modification ☐ Test Hole ☐ Other
☐ Monitoring Well(s) # of wells ☐ Soil Boring(s) # of borings ☐ Geotechnical # of borings
☐ Well Destruction Pump #2 ☐ Out-Of-Service Well ☐ Out-Of-Service Well Renewal
☐ New Pump ☒ Pump Replacement ☐ Pump Repair ☐ Cross-Connection Repair

WELL CONSTRUCTION
Drilling Method ☐ Mud Rotary ☐ Air Rotary ☐ Auger ☐ Cable Tool ☐ Push Point ☐ Other
Proposed Well Depth ft Excavation in diameter ☐ Open Bottom ☐ Gravel Pack / Gravel Size in diameter
☐ Conductor Casing in diameter / Conductor Casing Depth ft
Well Casing Diameter in Thickness/Gauge/ASTM Sched ☐ Steel ☐ Plastic ☐ Stainless Steel ☐ Other
Grout Seal Depth ft ☐ Neat Cement *(94 lb bag / 5-10 gal water)* ☐ Sand Cement *sack mix / 7 gal water*
☐ Bentonite (20% solids) ☐ Manufacturer Spec % solids % Name ☐ Specs on File ☐ Specs Submitted
Grout Placement Method ☐ Pumped ☐ Free Fall ☐ Other ☐ Retardant / Accelerator (name)

PEDESTAL Installed By ☐ Driller ☐ Pump Contractor ☐ Other
☐ Concrete Pedestal Dimensions: Width ft Length ft Thick in ☐ Christy Box ☐ Stove Pipe

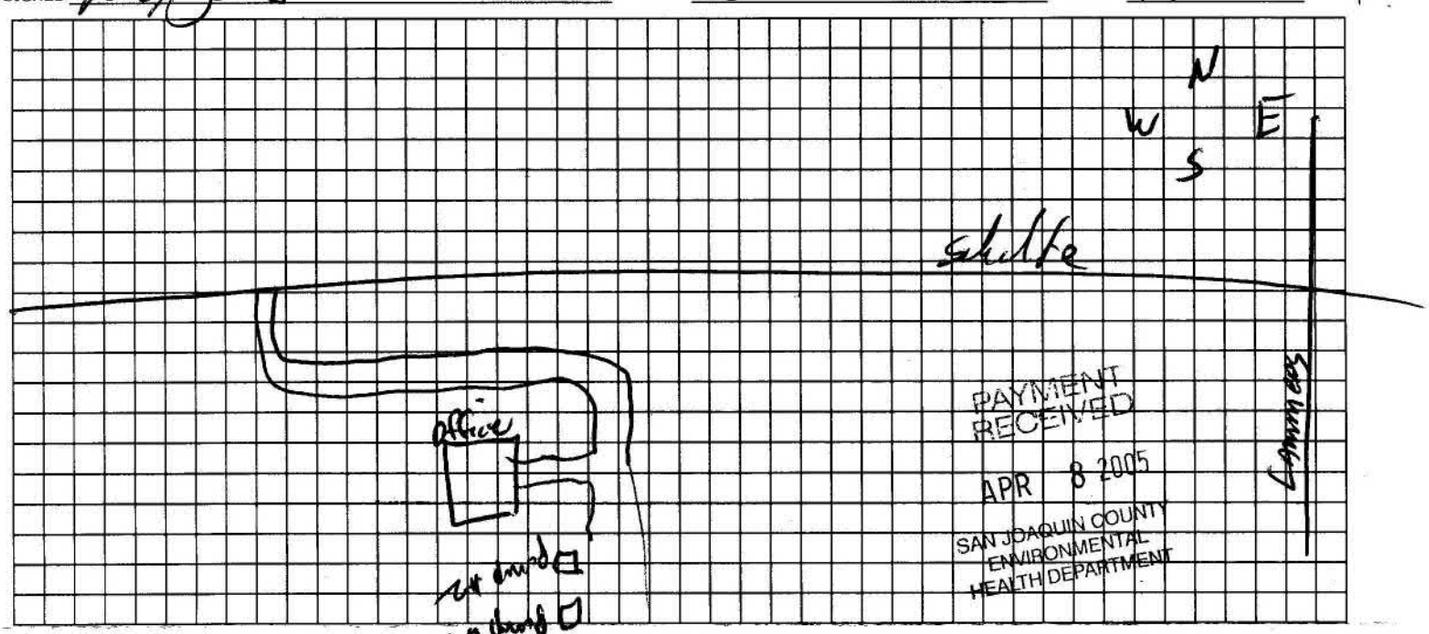
PUMP ☒ Submersible ☐ Turbine ☐ Other HP 30 Pump Set 252 ft Standing Water Level 176 ft

14800 W. SCHULTE Rd.

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS. I ALSO CERTIFY THAT MY REQUIRED LICENSE IS CURRENT AND ACTIVE WITH THE CALIFORNIA CONTRACTORS STATE LICENSE BOARD AND THAT I AM IN COMPLIANCE WITH ALL WORKERS COMPENSATION LAWS.

MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS

SIGNED [signature] TITLE Tech DATE 4-6-05



DEPARTMENT USE ONLY

Application Accepted By [signature] Date 4/8/05 Area Employee ID# 4000 5/99

Grout Inspection By Date ☐ SPECIAL Well Permit

Pump Inspection By David Van Dyke Date 6-14-2005 ☐ WAIVER Received

Destruction Inspection By Date Constructed Well Depth ft

COMMENTS

PE Codes	SC Info	Received By	Check#/ Cash	Amount Remitted	Date	Permit/ Service Request #	Invoice #	Well ID#
43.81	050	Zd	14229	$50.00	4/8/05	SR0041853		

WELL / PUMP PERMIT

SCANNED

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT — 304 E WEBER AVE 3RD FL - STOCKTON CA 95202 - (209) 468-3420

NON-REFUNDABLE PERMIT — CALL (209) 953-7697 FOR INSPECTIONS — EXPIRES 1 YEAR FROM DATE ISSUED

SITE ADDRESS:

JOB ADDRESS: 14800 Schulte — CITY/ZIP: Tracy

CROSS STREET: Lammers — APN: 209-240-23 — PARCEL SIZE: 37.96 — LAND USE APPLICATION #:

OWNER NAME: Tracy Operations — PHONE: 835-6914

OWNER ADDRESS: — CITY/STATE/ZIP:

CONTRACTOR: West Coast Sign + Electric inc DBA — PHONE: 835-2814

CONTRACTOR ADDRESS: Beasley Electric PO Box 159 — CITY/STATE/ZIP: Tracy

SUBCONTRACTOR: — PHONE:

SUBCONTRACTOR ADDRESS: — CITY/STATE/ZIP:

LICENSE: ☐ C-57 ☐ C-61 ☐ D-09 ☒ Other C10 D21 — NUMBER: 739938 — EXPIRATION DATE: 8-31-05

GEOGRAPHICAL INFORMATION: Coordinates X ____ Y ____ Township ____ Range ____ Section ____

INTENDED USE: ☐ Domestic/Private ☐ Irrigation/Agricultural ☒ Industrial ☐ Water Quality Monitoring ☐ Soil Sampling/Characterization
☐ Public Water System (If different from Owner) ____ Water System Name ____ Contact Name or Phone Number

TYPE OF WORK: ☐ New Well ☐ Replacement Well ☐ Well Alteration/Modification ☐ Test Hole ☐ Other ____
☐ Monitoring Well(s) ____ # of wells ☐ Soil Boring(s) ____ # of borings ☐ Geotechnical ____ # of borings
☐ Well Destruction Pump #2 ☐ Out-Of-Service Well ☐ Out-Of-Service Well Renewal
☐ New Pump ☒ Pump Replacement ☐ Pump Repair ☐ Cross-Connection Repair

WELL CONSTRUCTION

Drilling Method: ☐ Mud Rotary ☐ Air Rotary ☐ Auger ☐ Cable Tool ☐ Push Point ☐ Other ____

Proposed Well: Depth ____ ft Excavation ____ in diameter ☐ Open Bottom ☐ Gravel Pack / Gravel Size ____ in diameter
☐ Conductor Casing ____ in diameter / Conductor Casing Depth ____ ft

Well Casing: Diameter ____ in Thickness/Gauge/ASTM Sched ____ ☐ Steel ☐ Plastic ☐ Stainless Steel ☐ Other ____

Grout Seal: Depth ____ ft ☐ Neat Cement (94 lb bag / 5-10 gal water) ☐ Sand Cement ____ sack mix / 7 gal water
☐ Bentonite (20% solids) ☐ Manufacturer Spec % solids ____ % Name ____ ☐ Specs on File ☐ Specs Submitted

Grout Placement Method: ☐ Pumped ☐ Free Fall ☐ Other ____ ☐ Retardant / Accelerator (name) ____

PEDESTAL: Installed By ☐ Driller ☐ Pump Contractor ☐ Other ____
☐ Concrete Pedestal Dimensions: Width ____ ft Length ____ ft Thick ____ in ☐ Christy Box ☐ Stove Pipe

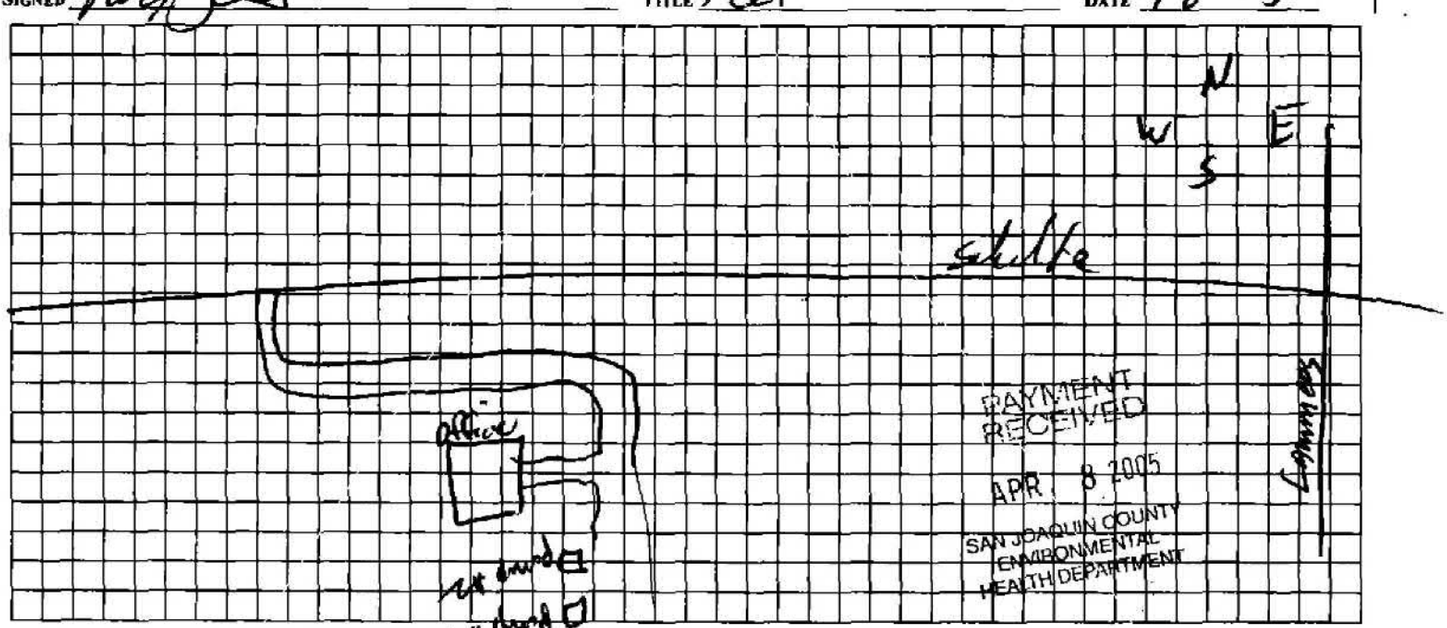
PUMP: ☒ Submersible ☐ Turbine ☐ Other ____ HP 30 Pump Set 252 ft Standing Water Level 176 ft

14800 W. SCHULTE Rd.

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS. I ALSO CERTIFY THAT MY REQUIRED LICENSE IS CURRENT AND ACTIVE WITH THE CALIFORNIA CONTRACTORS STATE LICENSE BOARD AND THAT I AM IN COMPLIANCE WITH ALL WORKERS COMPENSATION LAWS.

MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS

SIGNED: [signature] TITLE: Tech DATE: 4-6-05



DEPARTMENT USE ONLY

Application Accepted By: [signature] Date: 4/8/05 Area: ____ Employee ID#: 4000 5/99

Grout Inspection By: ____ Date: ____ ☐ SPECIAL Well Permit

Pump Inspection By: David Van Dyke Date: 6-14-2005 ☐ WAIVER Received

Destruction Inspection By: ____ Date: ____ Constructed Well Depth ____ ft

COMMENTS: ____

PE Codes	SC Info	Received By	Check#/ Cash	Amount Remitted	Date	Permit/ Service Request #	Invoice #	Well ID#
43.81	050	Zd	14229	$50.00	4/8/05	SR0041853		

JOB ADDRESS: 14800 Schulte **PERMIT #:** _____

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License # 734978 **Expiration Date** 4-6-05

Date 4-6-05 **Contractor** West Coast Sign & Electric Inc DBA Bradley Electric PO Box 159 Ripon

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt herefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500)):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Section 7044, Business and Professions Code: The contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code (B&PC): The Contractor's License Law does not apply to an owner of property who builds or improves hereon, and who constructs for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Section _____ , B&PC for this reason _____

Date: _____ **Owner** _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Section 3800, Labor Code).

Expiration Date _____ **Company** _____

☐ Certified copy is hereby furnished

☐ Certified copy is filed with the Environmental Health Department

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date: _____ **Applicant** _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).

Lender's Name _____

Lender' Address _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTICATION

☐ I hereby certify that no excavation five (5) or more feet in depth into which a person is required to descend, will be made in connection with work authorized by the permit, and that no building structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than thirty-six (36) feet high. (Chapter 3.2, Group 2, Article 2, Section 341, Title 8, California Administrative Code).

☐ As owner-builder, I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above, unless such person has a permit to do such work from the division.

☐ Division of Industrial Safety Permit # _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to well construction and or sewage system construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Date _____ **Applicant** _____

WELL/PUMP PERMIT

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT — 600 EAST MAIN STREET - STOCKTON CA 95202 - (209) 468-3420

NON-REFUNDABLE PERMIT — CALL (209) 953-7697 FOR INSPECTIONS — EXPIRES 1 YEAR FROM DATE ISSUED

SITE ADDRESS:

JOB ADDRESS 14800 W. Shulte Rd. CITY/ZIP Tracy, 95304

CROSS STREET Lammers Rd. APN 209-240.23 PARCEL SIZE 37.96 LAND USE APPLICATION #

OWNER NAME Thermal Energy PHONE (209) 834-6751

OWNER ADDRESS 14800 W. Shulte Rd. CITY/STATE/ZIP Tracy, CA 95304

CONTRACTOR West Coast Sign + Electric DBA Beasley Electric PHONE (209) 835-2814

CONTRACTOR ADDRESS P.O. Box 159 CITY/STATE/ZIP Tracy, CA 95378

SUBCONTRACTOR PHONE

SUBCONTRACTOR ADDRESS CITY/STATE/ZIP

LICENSE ☐ C-57 ☐ C-61 ☐ D-09 X Other D21/C10 NUMBER 739938 EXPIRATION DATE 08/31/10

GEOGRAPHICAL INFORMATION: Coordinates X Y Township Range Section

INTENDED USE ☐ Domestic/Private ☐ Irrigation/Agricultural X Industrial ☐ Water Quality Monitoring ☐ Soil Sampling/Characterization
☐ Public Water System (If different from Owner) Water System Name Contact Name or Phone Number

TYPE OF WORK ☐ New Well ☐ Replacement Well ☐ Well Alteration/Modification ☐ Other
☐ Monitoring Well(s) # of wells ☐ Soil Boring(s) # of borings ☐ Geotechnical # of borings
☐ Out-Of-Service Well ☐ Out-Of-Service Well Renewal ☐ Cross-Connection Repair
☐ New Pump X Pump Replacement ☐ Pump Repair ☐ Raise Well Casing

WELL CONSTRUCTION

Drilling Method ☐ Mud Rotary ☐ Air Rotary ☐ Auger ☐ Cable Tool ☐ Push Point ☐ Other

Proposed Well Depth ft Excavation in diameter ☐ Open Bottom ☐ Gravel Pack/Gravel Size in diameter
☐ Conductor Casing in diameter / Conductor Casing Depth ft

Well Casing Diameter in Thickness/Gauge/ASTM Sched ☐ Steel ☐ Plastic ☐ Stainless Steel ☐ Other

Grout Seal Depth ft ☐ Neat Cement (94 lb bag/5-10 gal water) ☐ Sand Cement sack mix/7 gal water
☐ Bentonite (20% solids) ☐ Other

Grout Placement Method ☐ Pumped ☐ Free Fall ☐ Other ☐ Retardant / Accelerator (name)

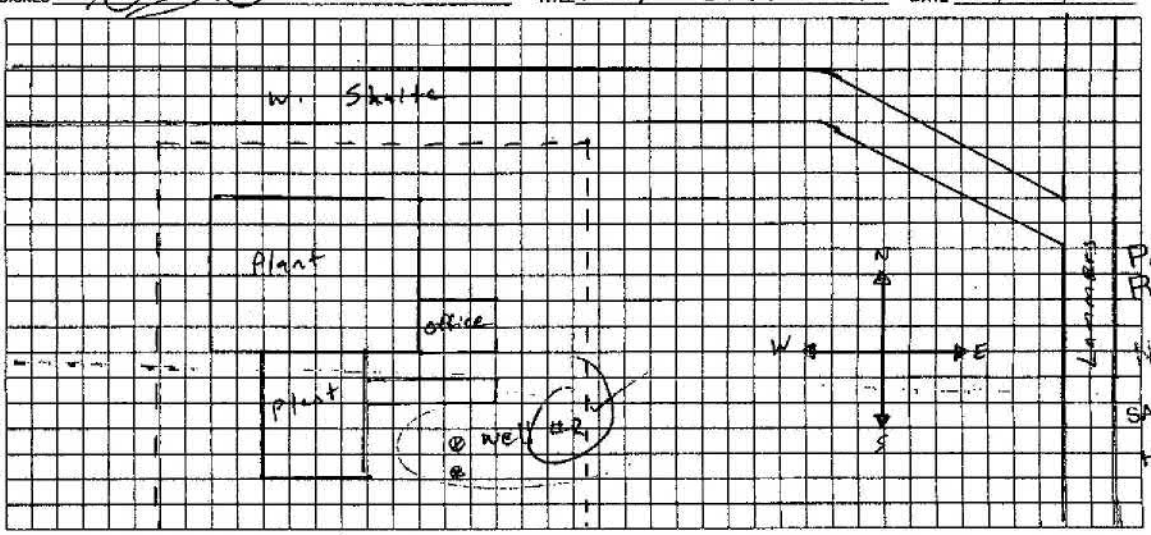
PEDESTAL Installed By ☐ Driller ☐ Pump Contractor ☐ Other
☐ Concrete Pedestal Dimensions: Width ft Length ft Thick in ☐ Christy Box ☐ Stove Pipe

PUMP X Submersible ☐ Turbine ☐ Other HP 30 Pump Set 252 ft Standing Water Level 176 ft

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS. I ALSO CERTIFY THAT MY REQUIRED LICENSE IS CURRENT AND ACTIVE WITH THE CALIFORNIA CONTRACTORS STATE LICENSE BOARD AND THAT I AM IN COMPLIANCE WITH ALL WORKERS COMPENSATION LAWS.

MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS

SIGNED [signature] TITLE Pump Technician DATE 11/02/09



14800 W. SCHULTE RD.

PAYMENT RECEIVED
NOV 16 2009
SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

DEPARTMENT USE ONLY

Application Accepted By [signature] Date 11/13/09 Area Employee ID# 4045 5/99

Grout Inspection By Date

Pump Inspection By [signature] Date 12/8/9

Soil Boring Inspection By Date

SPECIAL Well Permit WAIVER Received

Constructed Well Depth ft

COMMENTS Pump ok ✓ [signature]

PE Codes	SC Info	Received By	Check#/ Cash	Amount Remitted	Date	Permit/ Service Request #	Invoice #	Well ID#
4381	050	[initials]	2058	$50.00	11/16/09	SR0058774		WP0032270

EHD 43-06
8/04/08

WELL/PUMP PERMIT

JOB ADDRESS: _____ PERMIT #: _____

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License # 739938 **Expiration Date** 08/31/10

Date 11/02/09 **Contractor** West Coast Sign + Electric DBA Beasley Electric

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt herefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500)):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Section 7044, Business and Professions Code: The contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code (B&PC): The Contractor's License Law does not apply to an owner of property who builds or improves hereon, and who constructs for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Section _____, B&PC for this reason _____

Date: 11/02/09 **Owner:** [signature]

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Section 3800, Labor Code).

Expiration Date _____ **Company** _____

☐ Certified copy is hereby furnished

☐ Certified copy is filed with the Environmental Health Department

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date: _____ **Applicant** _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).

Lender's Name _____

Lender' Address _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

☐ I hereby certify that no excavation five (5) or more feet in depth into which a person is required to descend, will be made in connection with work authorized by the permit, and that no building structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than thirty-six (36) feet high. (Chapter 3.2, Group 2, Article 2, Section 341, Title 8, California Administrative Code).

☐ As owner-builder, I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above, unless such person has a permit to do such work from the division.

☐ Division of Industrial Safety Permit # _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to well construction and or sewage system construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Date _____ **Applicant** _____

#58774

WELL/PUMP PERMIT

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT — 1868 EAST HAZELTON AVENUE - STOCKTON CA 95205 - (209) 468-3420

NON-REFUNDABLE PERMIT — **CALL (209) 953-7697 FOR INSPECTIONS** — **EXPIRES 1 YEAR FROM DATE ISSUED**

SITE ADDRESS:

JOB ADDRESS: 14800 W. Schulte Road — CITY/ZIP: Tracy, California

CROSS STREET: S. Lammers Road — APN: 209240023 — PARCEL SIZE: 77.9 — LAND USE APPLICATION #:

OWNER NAME: Thermal Energy Development Partenrship — PHONE: 209-879-6914

OWNER ADDRESS: 14800 W. Schulte Road — CITY/STATE/ZIP: Tracy

CONTRACTOR: Krazan & Associates, Inc. — PHONE: 559-348-2200

CONTRACTOR ADDRESS: 215 W. Dakota Avenue — CITY/STATE/ZIP: Clovis, CA 93612

SUBCONTRACTOR: Krazan & Associates, Inc. — PHONE: 559-348-2200

SUBCONTRACTOR ADDRESS: 215 W. Dakota Avenue — CITY/STATE/ZIP: Clovis, CA 93612

LICENSE: ✓ C-57 ☐ C-61 ☐ D-09 ☐ Other ____ NUMBER: 499908 EXPIRATION DATE: 10/31/2015

GEOGRAPHICAL INFORMATION: Coordinates X ____ Y ____ Township ____ Range ____ Section ____

INTENDED USE: ☐ Domestic/Private ☐ Irrigation/Agricultural ☐ Industrial ☐ Water Quality Monitoring ☐ Soil Sampling/Characterization
☐ Public Water System (If different from Owner: Water System Name) — Contact Name or Phone Number

TYPE OF WORK: ☐ New Well ☐ Replacement Well ☐ Well Alteration/Modification ☐ Other ____
☐ Monitoring Well(s) ____ # of wells ☐ Soil Boring(s) ____ # of borings ✓ Geotechnical 3 # of borings
☐ Out-Of-Service Well ☐ Out-Of-Service Well Renewal ☐ Cross-Connection Repair
☐ New Pump ☐ Pump Replacement ☐ Pump Repair ☐ Raise Well Casing

WELL CONSTRUCTION

Drilling Method: ☐ Mud Rotary ☐ Air Rotary ✓ Auger ☐ Cable Tool ☐ Push Point ☐ Other ____

Proposed Well: Depth 20 ft Excavation 4 1/2" in diameter ☐ Open Bottom ☐ Gravel Pack/Gravel Size ____ in diameter
☐ Conductor Casing ____ in diameter / Conductor Casing Depth ____ ____ ft

Well Casing: Diameter ____ in Thickness/Gauge/ASTM Sched ____ ☐ Steel ☐ Plastic ☐ Stainless Steel ☐ Other ____

Grout Seal: Depth ____ ft ✗ Neat Cement *(94 lb bag/5-10 gal water)* ☐ Sand Cement ____ ____ *sack mix/7 gal water*
☐ Bentonite (20% solids) ☐ Other ____

Grout Placement Method: ☐ Pumped ☐ Free Fall ☐ Other ____ ☐ Retardant / Accelerator (name) ____

PEDESTAL: **Installed By** ☐ Driller ☐ Pump Contractor ☐ Other ____
☐ **Concrete Pedestal** ☐ **Dimensions**: Width ____ ft Length ____ ft Thick ____ in ☐ **Christy Box** ☐ **Stove Pipe**

PUMP: ☐ Submersible ☐ Turbine ☐ Other ____ HP ____ Pump Set ____ ft Standing Water Level ____ ft

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS. I ALSO CERTIFY THAT MY REQUIRED LICENSE IS CURRENT AND ACTIVE WITH THE CALIFORNIA CONTRACTORS STATE LICENSE BOARD AND THAT I AM IN COMPLIANCE WITH ALL WORKERS COMPENSATION LAWS.

MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS - PLEASE CALL (209) 953-7697

SIGNED: ____ TITLE: Managing Engineer DATE: 10/2/2015

Dark Sunset

Nunne (559) 994 6385

See attached

PAYMENT RECEIVED OCT 09 2015 SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

RECEIVED OCT 05 2015 ENVIRONMENTAL HEALTH PERMIT/SERVICES

DEPARTMENT USE ONLY

Application Accepted By: ____ Date: 10/9/15 Area: 05/99 Employee ID#: Tesquardes

Grout Inspection By: ____ Date: ____ ☐ SPECIAL Well Permit

Pump Inspection By: ____ Date: ____ ☐ WAIVER Received

Soil Boring Inspection By: ____ Date: 10/20/15 Constructed Well Depth: ____ ft

COMMENTS: Locations completed properly, no issues

PE Codes	SC Info	Received By	Check#/ Cash	Amount Remitted	Date	Permit/ Service Request #	Invoice #	Well ID#
4572	150	Kevin	320757	399.00	10/9/15	SR0073347		

JOB ADDRESS: 14800 W. Schulte Road, Tracy, CA PERMIT #: _____

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License # 499908 **Expiration Date** 10/31/2015

Date 10/2/2015 **Contractor** Krazan & Associates, Inc.

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt herefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500)):

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☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code (B&PC): The Contractor's License Law does not apply to an owner of property who builds or improves hereon, and who constructs for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Section _____. B&PC for this reason _____

Date: _____ **Owner:** _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Section 3800, Labor Code).

Expiration Date 01/01/2016 **Company** Travelers Property Casualty Company

☐ Certified copy is hereby furnished

☑ Certified copy is filed with the Environmental Health Department

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date: _____ **Applicant** _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).

Lender's Name _____

Lender' Address _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

☐ I hereby certify that no excavation five (5) or more feet in depth into which a person is required to descend, will be made in connection with work authorized by the permit, and that no building structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than thirty-six (36) feet high. (Chapter 3.2, Group 2, Article 2, Section 341, Title 8, California Administrative Code).

☐ As owner-builder, I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above, unless such person has a permit to do such work from the division.

☐ Division of Industrial Safety Permit # _____

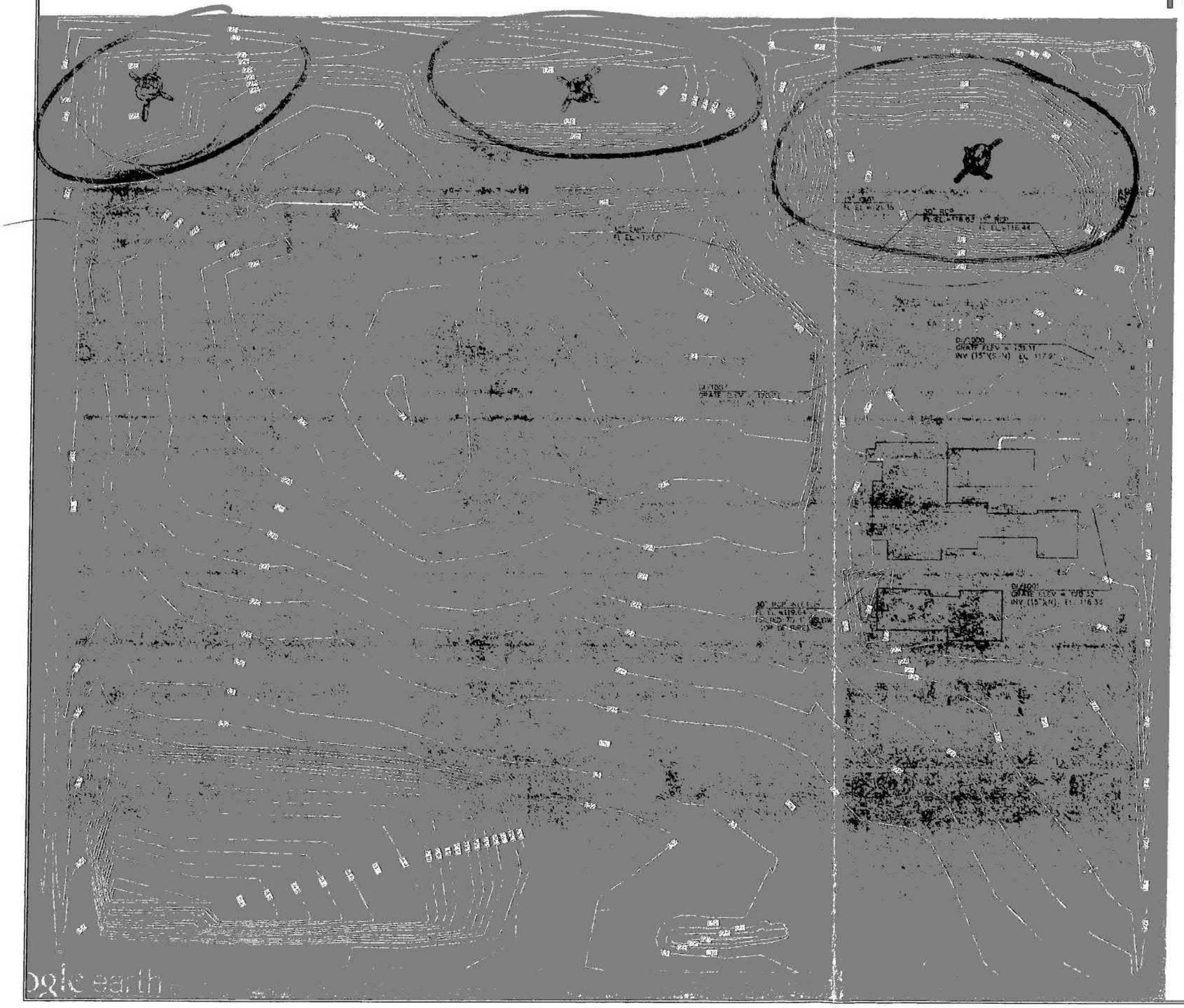
I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to well construction and or sewage system construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Date _____ **Applicant** _____

TOPOGRAPHIC SURVEY

Tracy Biomass Plant - 14800 W Schulte RD, Tracy

COUNTY of SAN JOAQUIN, STATE of CALIFORNIA
SURVEYED 5/21/2015
SHEET 1 OF 1



PREPARED BY

GHD
4080 PLAZA GOLDORADO CIRCLE
SUITE B, CAMERON PARK CA 95682
530.677.5515

1 inch = 60 ft.

NOTES

1. BACKGROUND IMAGERY OBTAINED VIA GOOGLE EARTH. IMAGE DATE: 6-09-2014.

2. UNDERGROUND UTILITY ROUTING IS BASED UPON PIPE DIRECTIONS OBSERVED AT STORM DRAIN FEATURES OBSERVABLE FROM THE SURFACE. ACTUAL UNDERGROUND PIPING LOCATIONS MAY BE DIFFERENT THAN SHOWN, AND SHOULD BE PHYSICALLY VERIFIED PRIOR TO ANY EXCAVATIONS. NO UNDERGROUND UTILITY SURVEYS WERE COMPLETED AS A PART OF THIS WORK.

3. THE SCOPE OF THIS SURVEY IS LIMITED TO SHOWING GENERAL DRAINAGE PATTERNS AND THE STORM WATER DRAINAGE SYSTEM FOR THE SITE. OTHER UTILITIES, STRUCTURES AND IMPROVEMENTS MAY EXIST THAT ARE NOT SHOWN AND ARE NOT A PART OF THIS SURVEY.

BENCHMARK

THE MERIDIAN OF THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM OF 1983, ZONE 3, AS DETERMINED BY GPS OBSERVATION TO THE FOLLOWING NGS POINT.

FID HS0455 "F 192 RESET" N: 2,095,324.40' E: 6,262,760.06' 2011.00 EPOCH

NAVD 88 ELEVATION: 37.80'

LICENSED LAND SURVEYOR
ALAN CARLTON
NO. 5093
Exp. 6/30/2015
STATE OF CALIFORNIA

ALAN CARLTON, P.L.S. 5093

05/22/2015
DATE

ABBREVIATIONS

AC	ASPHALTIC CONCRETE
CB	CATCH BASIN
CL	CENTERLINE
CO	CLEAN OUT
CONC	CONCRETE
DI	DRAIN INLET
EL	ELEVATION
FH	FIRE HYDRANT
FL	FLOWLINE
GR	GRAVEL
GS	GROUND SHOT
INV	INVERT
MH	MANHOLE
RW	RIGHT OF WAY
SBL	SET BACK LINE
SD	STORM DRAIN
SS	SANITARY SEWER
TC	TOP OF CURB
TN	TOP OF NUT
W	WATER
WM	WATER METER
RCB	REINFORCED CONCRETE BOX

LEGEND

- FENCE LINE
- WATER METER
- FIRE HYDRANT
- WATER VALVE BOX
- 8" W — WATER LINE W/SIZE
- DRAINAGE INLET
- 24" SD — DRAIN LINE W/SIZE AND FLOW DIRECTION
- DRAIN MANHOLE
- JOINT POLE OR POWER POLE
- 4" SS — SEWER LINE W/SIZE AND FLOW DIRECTION
- SEWER MANHOLE
- SIGN
- VAULT
- EDGE OF BUILDING
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- TOP BACK OF CURB

WELL/PUMP PERMIT

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT — 1868 EAST HAZELTON AVENUE - STOCKTON CA 95205 - (209) 468-3420

NON-REFUNDABLE PERMIT — **CALL (209) 953-7697 FOR INSPECTIONS** — **EXPIRES 1 YEAR FROM DATE ISSUED**

SITE ADDRESS:

JOB ADDRESS: 14800 W. Schulte Road — CITY/ZIP: Tracy, California

CROSS STREET: S. Lammers Road — APN: 209240023 — PARCEL SIZE: 77.9 — LAND USE APPLICATION #:

OWNER NAME: Thermal Energy Development Partenrship — PHONE: 209-879-6914

OWNER ADDRESS: 14800 W. Schulte Road — CITY/STATE/ZIP: Tracy

CONTRACTOR: Krazan & Associates, Inc. — PHONE: 559-348-2200

CONTRACTOR ADDRESS: 215 W. Dakota Avenue — CITY/STATE/ZIP: Clovis, CA 93612

SUBCONTRACTOR: Krazan & Associates, Inc. — PHONE: 559-348-2200

SUBCONTRACTOR ADDRESS: 215 W. Dakota Avenue — CITY/STATE/ZIP: Clovis, CA 93612

LICENSE: ✓ C-57 ☐ C-61 ☐ D-09 ☐ Other ____ NUMBER: 499908 EXPIRATION DATE: 10/31/2015

GEOGRAPHICAL INFORMATION: Coordinates X ____ Y ____ Township ____ Range ____ Section ____

INTENDED USE: ☐ Domestic/Private ☐ Irrigation/Agricultural ☐ Industrial ☐ Water Quality Monitoring ☐ Soil Sampling/Characterization
☐ Public Water System (If different from Owner: Water System Name) — Contact Name or Phone Number

TYPE OF WORK: ☐ New Well ☐ Replacement Well ☐ Well Alteration/Modification ☐ Other ____
☐ Monitoring Well(s) ____ # of wells ☐ Soil Boring(s) ____ # of borings ✓ Geotechnical 3 # of borings
☐ Out-Of-Service Well ☐ Out-Of-Service Well Renewal ☐ Cross-Connection Repair
☐ New Pump ☐ Pump Replacement ☐ Pump Repair ☐ Raise Well Casing

WELL CONSTRUCTION

Drilling Method: ☐ Mud Rotary ☐ Air Rotary ✓ Auger ☐ Cable Tool ☐ Push Point ☐ Other ____

Proposed Well: Depth 20 ft Excavation 4 1/2" in diameter ☐ Open Bottom ☐ Gravel Pack/Gravel Size ____ in diameter
☐ Conductor Casing ____ in diameter / Conductor Casing Depth ____ ____ ft

Well Casing: Diameter ____ in Thickness/Gauge/ASTM Sched ____ ☐ Steel ☐ Plastic ☐ Stainless Steel ☐ Other ____

Grout Seal: Depth ____ ft ✗ Neat Cement *(94 lb bag/5-10 gal water)* ☐ Sand Cement ____ ____ *sack mix/7 gal water*
☐ Bentonite (20% solids) ☐ Other ____

Grout Placement Method: ☐ Pumped ☐ Free Fall ☐ Other ____ ☐ Retardant / Accelerator (name) ____

PEDESTAL: **Installed By** ☐ Driller ☐ Pump Contractor ☐ Other ____
☐ **Concrete Pedestal** ☐ **Dimensions**: Width ____ ft Length ____ ft Thick ____ in ☐ **Christy Box** ☐ **Stove Pipe**

PUMP: ☐ Submersible ☐ Turbine ☐ Other ____ HP ____ Pump Set ____ ft Standing Water Level ____ ft

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS. I ALSO CERTIFY THAT MY REQUIRED LICENSE IS CURRENT AND ACTIVE WITH THE CALIFORNIA CONTRACTORS STATE LICENSE BOARD AND THAT I AM IN COMPLIANCE WITH ALL WORKERS COMPENSATION LAWS.

MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS - PLEASE CALL (209) 953-7697

SIGNED: ____ TITLE: Managing Engineer DATE: 10/2/2015

Dark Sunset

Nunne (559) 994 6385

See attached

PAYMENT RECEIVED OCT 09 2015 SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

RECEIVED OCT 05 2015 ENVIRONMENTAL HEALTH PERMIT/SERVICES

DEPARTMENT USE ONLY

Application Accepted By: ____ Date: 10/9/15 Area: 05/99 Employee ID#: Tesquardes

Grout Inspection By: ____ Date: ____ ☐ SPECIAL Well Permit

Pump Inspection By: ____ Date: ____ ☐ WAIVER Received

Soil Boring Inspection By: ____ Date: 10/20/15 Constructed Well Depth: ____ ft

COMMENTS: Locations completed properly, no issues

PE Codes	SC Info	Received By	Check#/ Cash	Amount Remitted	Date	Permit/ Service Request #	Invoice #	Well ID#
4572	150	Kevin	320757	399.00	10/9/15	SR0073347		

JOB ADDRESS: 14800 W. Schulte Road, Tracy, CA PERMIT #: _____

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License # 499908 **Expiration Date** 10/31/2015

Date 10/2/2015 **Contractor** Krazan & Associates, Inc.

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt herefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500)):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Section 7044, Business and Professions Code: The contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code (B&PC): The Contractor's License Law does not apply to an owner of property who builds or improves hereon, and who constructs for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Section _____. B&PC for this reason _____

Date: _____ **Owner:** _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Section 3800, Labor Code).

Expiration Date 01/01/2016 **Company** Travelers Property Casualty Company

☐ Certified copy is hereby furnished

☑ Certified copy is filed with the Environmental Health Department

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date: _____ **Applicant** _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).

Lender's Name _____

Lender' Address _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

☐ I hereby certify that no excavation five (5) or more feet in depth into which a person is required to descend, will be made in connection with work authorized by the permit, and that no building structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than thirty-six (36) feet high. (Chapter 3.2, Group 2, Article 2, Section 341, Title 8, California Administrative Code).

☐ As owner-builder, I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above, unless such person has a permit to do such work from the division.

☐ Division of Industrial Safety Permit # _____

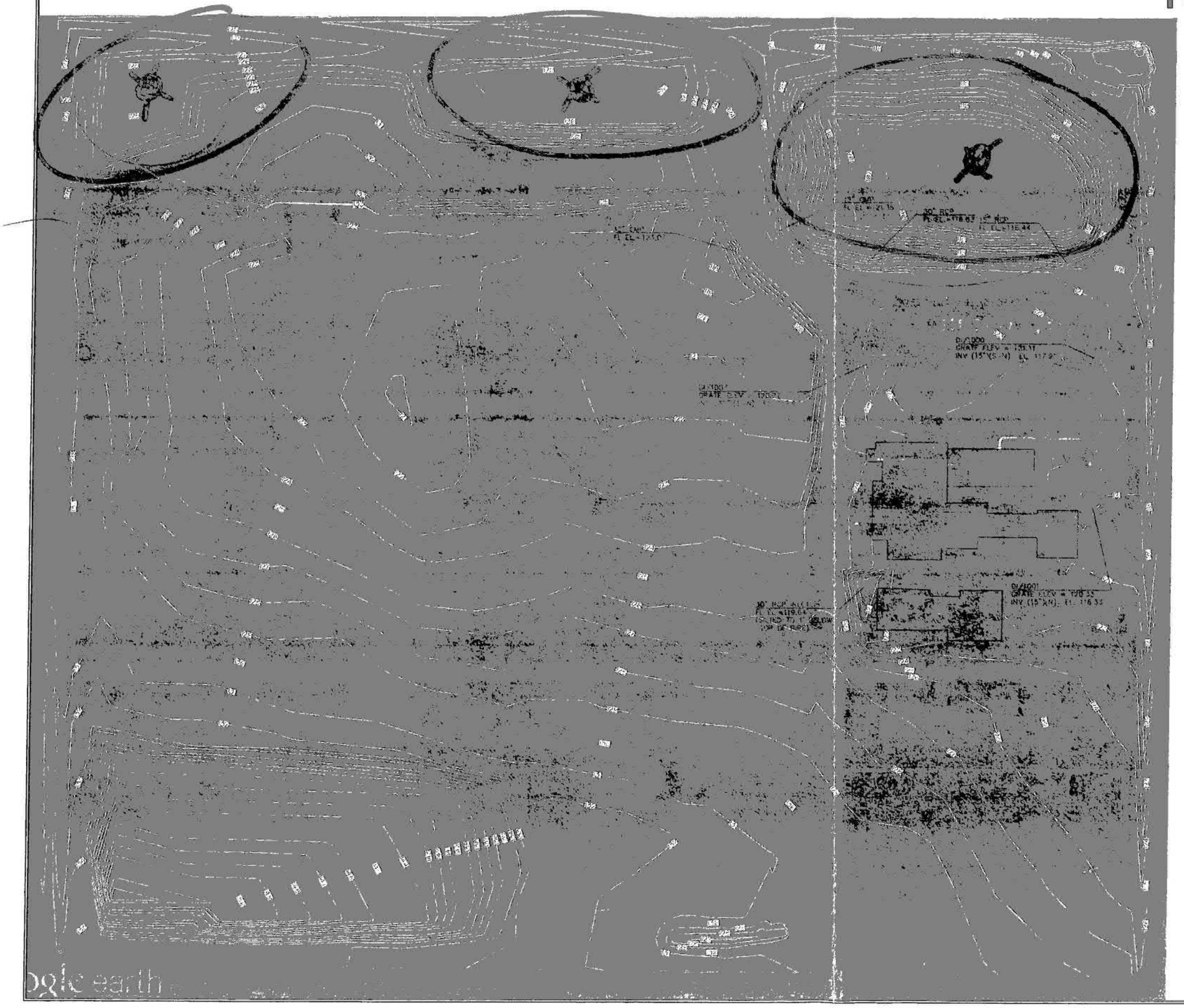
I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to well construction and or sewage system construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Date _____ **Applicant** _____

TOPOGRAPHIC SURVEY

Tracy Biomass Plant - 14800 W Schulte RD, Tracy

COUNTY of SAN JOAQUIN, STATE of CALIFORNIA
SURVEYED 5/21/2015
SHEET 1 OF 1



PREPARED BY

GHD
4080 PLAZA GOLDORADO CIRCLE
SUITE B, CAMERON PARK CA 95682
530.677.5515

1 inch = 60 ft.

NOTES

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BENCHMARK

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FID HS0455 "F 192 RESET" N: 2,095,324.40' E: 6,262,760.06' 2011.00 EPOCH

NAVD 88 ELEVATION: 37.80'

LICENSED LAND SURVEYOR
ALAN CARLTON
NO. 5093
Exp. 6/30/2015
STATE OF CALIFORNIA

ALAN CARLTON, P.L.S. 5093

05/22/2015
DATE

ABBREVIATIONS

AC	ASPHALTIC CONCRETE
CB	CATCH BASIN
CL	CENTERLINE
CO	CLEAN OUT
CONC	CONCRETE
DI	DRAIN INLET
EL	ELEVATION
FH	FIRE HYDRANT
FL	FLOWLINE
GR	GRAVEL
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RW	RIGHT OF WAY
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SS	SANITARY SEWER
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WM	WATER METER
RCB	REINFORCED CONCRETE BOX

LEGEND

- FENCE LINE
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- WATER VALVE BOX
- 8" W — WATER LINE W/SIZE
- DRAINAGE INLET
- 24" SD — DRAIN LINE W/SIZE AND FLOW DIRECTION
- DRAIN MANHOLE
- JOINT POLE OR POWER POLE
- 4" SS — SEWER LINE W/SIZE AND FLOW DIRECTION
- SEWER MANHOLE
- SIGN
- VAULT
- EDGE OF BUILDING
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- TOP BACK OF CURB

WELL/PUMP PERMIT

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT — 600 EAST MAIN STREET - STOCKTON CA 95202 - (209) 468-3420

NON-REFUNDABLE PERMIT — CALL (209) 953-7697 FOR INSPECTIONS — EXPIRES 1 YEAR FROM DATE ISSUED

SITE ADDRESS:

JOB ADDRESS 14800 W. Shulte Rd. CITY/ZIP Tracy, 95304

CROSS STREET Lammers Rd. APN 209-240.23 PARCEL SIZE 37.96 LAND USE APPLICATION #

OWNER NAME Thermal Energy PHONE (209) 834-6751

OWNER ADDRESS 14800 W. Shulte Rd. CITY/STATE/ZIP Tracy, CA 95304

CONTRACTOR West Coast Sign + Electric DBA Beasley Electric PHONE (209) 835-2814

CONTRACTOR ADDRESS P.O. Box 159 CITY/STATE/ZIP Tracy, CA 95378

SUBCONTRACTOR PHONE

SUBCONTRACTOR ADDRESS CITY/STATE/ZIP

LICENSE ☐ C-57 ☐ C-61 ☐ D-09 X Other D21/C10 NUMBER 739938 EXPIRATION DATE 08/31/10

GEOGRAPHICAL INFORMATION: Coordinates X Y Township Range Section

INTENDED USE ☐ Domestic/Private ☐ Irrigation/Agricultural X Industrial ☐ Water Quality Monitoring ☐ Soil Sampling/Characterization
☐ Public Water System (If different from Owner) Water System Name Contact Name or Phone Number

TYPE OF WORK ☐ New Well ☐ Replacement Well ☐ Well Alteration/Modification ☐ Other
☐ Monitoring Well(s) # of wells ☐ Soil Boring(s) # of borings ☐ Geotechnical # of borings
☐ Out-Of-Service Well ☐ Out-Of-Service Well Renewal ☐ Cross-Connection Repair
☐ New Pump X Pump Replacement ☐ Pump Repair ☐ Raise Well Casing

WELL CONSTRUCTION

Drilling Method ☐ Mud Rotary ☐ Air Rotary ☐ Auger ☐ Cable Tool ☐ Push Point ☐ Other

Proposed Well Depth ft Excavation in diameter ☐ Open Bottom ☐ Gravel Pack/Gravel Size in diameter
☐ Conductor Casing in diameter / Conductor Casing Depth ft

Well Casing Diameter in Thickness/Gauge/ASTM Sched ☐ Steel ☐ Plastic ☐ Stainless Steel ☐ Other

Grout Seal Depth ft ☐ Neat Cement (94 lb bag/5-10 gal water) ☐ Sand Cement sack mix/7 gal water
☐ Bentonite (20% solids) ☐ Other

Grout Placement Method ☐ Pumped ☐ Free Fall ☐ Other ☐ Retardant / Accelerator (name)

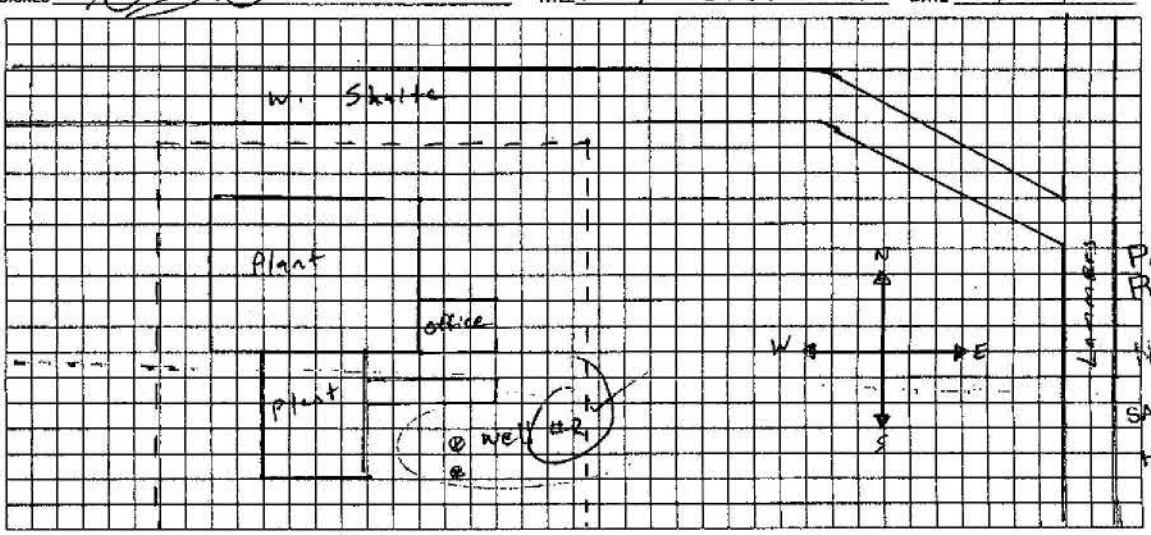
PEDESTAL Installed By ☐ Driller ☐ Pump Contractor ☐ Other
☐ Concrete Pedestal Dimensions: Width ft Length ft Thick in ☐ Christy Box ☐ Stove Pipe

PUMP X Submersible ☐ Turbine ☐ Other HP 30 Pump Set 252 ft Standing Water Level 176 ft

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS. I ALSO CERTIFY THAT MY REQUIRED LICENSE IS CURRENT AND ACTIVE WITH THE CALIFORNIA CONTRACTORS STATE LICENSE BOARD AND THAT I AM IN COMPLIANCE WITH ALL WORKERS COMPENSATION LAWS.

MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS

SIGNED [signature] TITLE Pump Technician DATE 11/02/09



14800 W. SCHULTE RD.

PAYMENT RECEIVED
NOV 16 2009
SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

DEPARTMENT USE ONLY

Application Accepted By [signature] Date 11/13/09 Area Employee ID# 4045 5/99

Grout Inspection By Date

Pump Inspection By [signature] Date 12/8/9

Soil Boring Inspection By Date

SPECIAL Well Permit WAIVER Received

Constructed Well Depth ft

COMMENTS Pump ok ✓ [signature]

PE Codes	SC Info	Received By	Check#/ Cash	Amount Remitted	Date	Permit/ Service Request #	Invoice #	Well ID#
4381	050	[initials]	2058	$50.00	11/16/09	SR0058774		WP0032270

EHD 43-06
8/04/08

WELL/PUMP PERMIT

JOB ADDRESS: _____ PERMIT #: _____

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License # 739938 **Expiration Date** 08/31/10

Date 11/02/09 **Contractor** West Coast Sign + Electric DBA Beasley Electric

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt herefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500)):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Section 7044, Business and Professions Code: The contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code (B&PC): The Contractor's License Law does not apply to an owner of property who builds or improves hereon, and who constructs for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Section _____, B&PC for this reason _____

Date: 11/02/09 **Owner:** [signature]

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Section 3800, Labor Code).

Expiration Date _____ **Company** _____

☐ Certified copy is hereby furnished

☐ Certified copy is filed with the Environmental Health Department

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date: _____ **Applicant** _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).

Lender's Name _____

Lender' Address _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

☐ I hereby certify that no excavation five (5) or more feet in depth into which a person is required to descend, will be made in connection with work authorized by the permit, and that no building structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than thirty-six (36) feet high. (Chapter 3.2, Group 2, Article 2, Section 341, Title 8, California Administrative Code).

☐ As owner-builder, I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above, unless such person has a permit to do such work from the division.

☐ Division of Industrial Safety Permit # _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to well construction and or sewage system construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Date _____ **Applicant** _____

#58774

WELL / PUMP PERMIT

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT — 304 E WEBER AVE 3RD FL - STOCKTON CA 95202 - (209) 468-3420

NON-REFUNDABLE PERMIT — CALL (209) 953-7697 FOR INSPECTIONS — EXPIRES 1 YEAR FROM DATE ISSUED

SITE ADDRESS:

JOB ADDRESS 14800 Schulte CITY/ZIP Tracy

CROSS STREET Lammers APN 209-240-23 PARCEL SIZE 37.96 LAND USE APPLICATION #

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OWNER ADDRESS CITY/STATE/ZIP

CONTRACTOR West Coast Sign + Electric inc DBA PHONE 835-2814

CONTRACTOR ADDRESS Beasley Electric PO Box 159 CITY/STATE/ZIP Tracy

SUBCONTRACTOR PHONE

SUBCONTRACTOR ADDRESS CITY/STATE/ZIP

LICENSE ☐ C-57 ☐ C-61 ☐ D-09 ☒ Other C10 D21 NUMBER 739938 EXPIRATION DATE 8-31-05

GEOGRAPHICAL INFORMATION: Coordinates X Y Township Range Section

INTENDED USE ☐ Domestic/Private ☐ Irrigation/Agricultural ☒ Industrial ☐ Water Quality Monitoring ☐ Soil Sampling/Characterization
☐ Public Water System If different from Owner: Water System Name Contact Name or Phone Number

TYPE OF WORK ☐ New Well ☐ Replacement Well ☐ Well Alteration/Modification ☐ Test Hole ☐ Other
☐ Monitoring Well(s) # of wells ☐ Soil Boring(s) # of borings ☐ Geotechnical # of borings
☐ Well Destruction Pump #2 ☐ Out-Of-Service Well ☐ Out-Of-Service Well Renewal
☐ New Pump ☒ Pump Replacement ☐ Pump Repair ☐ Cross-Connection Repair

WELL CONSTRUCTION
Drilling Method ☐ Mud Rotary ☐ Air Rotary ☐ Auger ☐ Cable Tool ☐ Push Point ☐ Other
Proposed Well Depth ft Excavation in diameter ☐ Open Bottom ☐ Gravel Pack / Gravel Size in diameter
☐ Conductor Casing in diameter / Conductor Casing Depth ft
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Grout Seal Depth ft ☐ Neat Cement *(94 lb bag / 5-10 gal water)* ☐ Sand Cement *sack mix / 7 gal water*
☐ Bentonite (20% solids) ☐ Manufacturer Spec % solids % Name ☐ Specs on File ☐ Specs Submitted
Grout Placement Method ☐ Pumped ☐ Free Fall ☐ Other ☐ Retardant / Accelerator (name)

PEDESTAL Installed By ☐ Driller ☐ Pump Contractor ☐ Other
☐ Concrete Pedestal Dimensions: Width ft Length ft Thick in ☐ Christy Box ☐ Stove Pipe

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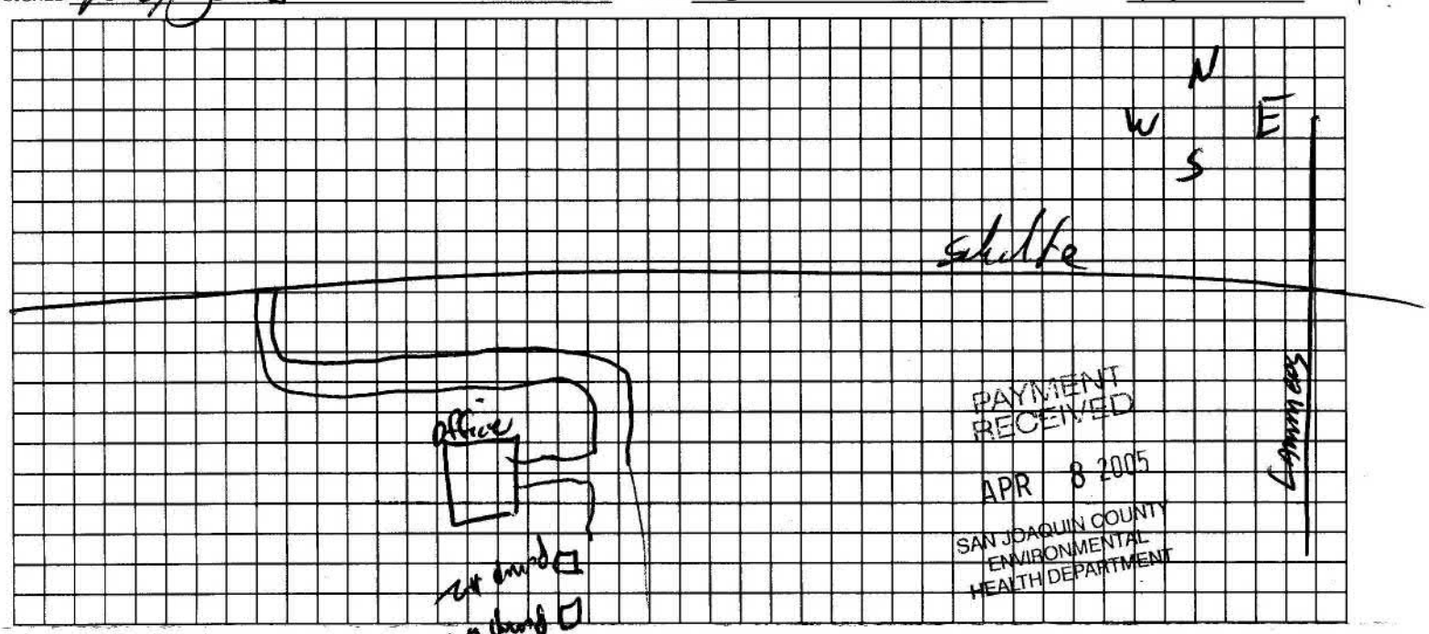
MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS

SIGNED [signature] TITLE Tech DATE 4-6-05



DEPARTMENT USE ONLY

Application Accepted By [signature] Date 4/8/05 Area Employee ID# 4000 5/99

Grout Inspection By Date ☐ SPECIAL Well Permit

Pump Inspection By David Van Dyke Date 6-14-2005 ☐ WAIVER Received

Destruction Inspection By Date Constructed Well Depth ft

COMMENTS

PE Codes	SC Info	Received By	Check#/ Cash	Amount Remitted	Date	Permit/ Service Request #	Invoice #	Well ID#
43.81	050	Zd	14229	$50.00	4/8/05	SR0041853		

WELL / PUMP PERMIT

SCANNED

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT — 304 E WEBER AVE 3RD FL - STOCKTON CA 95202 - (209) 468-3420

NON-REFUNDABLE PERMIT — CALL (209) 953-7697 FOR INSPECTIONS — EXPIRES 1 YEAR FROM DATE ISSUED

SITE ADDRESS:

JOB ADDRESS: 14800 Schulte — CITY/ZIP: Tracy

CROSS STREET: Lammers — APN: 209-240-23 — PARCEL SIZE: 37.96 — LAND USE APPLICATION #:

OWNER NAME: Tracy Operations — PHONE: 835-6914

OWNER ADDRESS: — CITY/STATE/ZIP:

CONTRACTOR: West Coast Sign + Electric inc DBA — PHONE: 835-2814

CONTRACTOR ADDRESS: Beasley Electric PO Box 159 — CITY/STATE/ZIP: Tracy

SUBCONTRACTOR: — PHONE:

SUBCONTRACTOR ADDRESS: — CITY/STATE/ZIP:

LICENSE: ☐ C-57 ☐ C-61 ☐ D-09 ☒ Other C10 D21 — NUMBER: 739938 — EXPIRATION DATE: 8-31-05

GEOGRAPHICAL INFORMATION: Coordinates X ____ Y ____ Township ____ Range ____ Section ____

INTENDED USE: ☐ Domestic/Private ☐ Irrigation/Agricultural ☒ Industrial ☐ Water Quality Monitoring ☐ Soil Sampling/Characterization
☐ Public Water System (If different from Owner) ____ Water System Name ____ Contact Name or Phone Number

TYPE OF WORK: ☐ New Well ☐ Replacement Well ☐ Well Alteration/Modification ☐ Test Hole ☐ Other ____
☐ Monitoring Well(s) ____ # of wells ☐ Soil Boring(s) ____ # of borings ☐ Geotechnical ____ # of borings
☐ Well Destruction Pump #2 ☐ Out-Of-Service Well ☐ Out-Of-Service Well Renewal
☐ New Pump ☒ Pump Replacement ☐ Pump Repair ☐ Cross-Connection Repair

WELL CONSTRUCTION

Drilling Method: ☐ Mud Rotary ☐ Air Rotary ☐ Auger ☐ Cable Tool ☐ Push Point ☐ Other ____

Proposed Well: Depth ____ ft Excavation ____ in diameter ☐ Open Bottom ☐ Gravel Pack / Gravel Size ____ in diameter
☐ Conductor Casing ____ in diameter / Conductor Casing Depth ____ ft

Well Casing: Diameter ____ in Thickness/Gauge/ASTM Sched ____ ☐ Steel ☐ Plastic ☐ Stainless Steel ☐ Other ____

Grout Seal: Depth ____ ft ☐ Neat Cement (94 lb bag / 5-10 gal water) ☐ Sand Cement ____ sack mix / 7 gal water
☐ Bentonite (20% solids) ☐ Manufacturer Spec % solids ____ % Name ____ ☐ Specs on File ☐ Specs Submitted

Grout Placement Method: ☐ Pumped ☐ Free Fall ☐ Other ____ ☐ Retardant / Accelerator (name) ____

PEDESTAL: Installed By ☐ Driller ☐ Pump Contractor ☐ Other ____
☐ Concrete Pedestal Dimensions: Width ____ ft Length ____ ft Thick ____ in ☐ Christy Box ☐ Stove Pipe

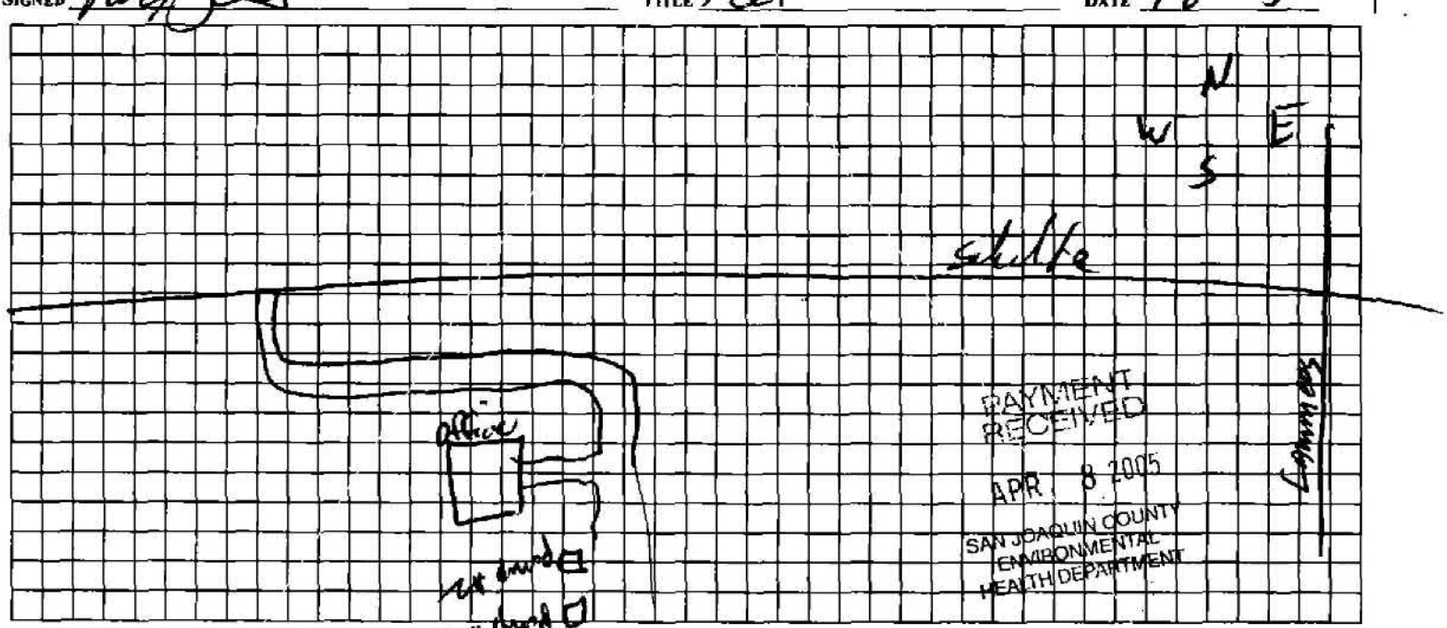
PUMP: ☒ Submersible ☐ Turbine ☐ Other ____ HP 30 Pump Set 252 ft Standing Water Level 176 ft

14800 W. SCHULTE Rd.

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS. I ALSO CERTIFY THAT MY REQUIRED LICENSE IS CURRENT AND ACTIVE WITH THE CALIFORNIA CONTRACTORS STATE LICENSE BOARD AND THAT I AM IN COMPLIANCE WITH ALL WORKERS COMPENSATION LAWS.

MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS

SIGNED: [signature] TITLE: Tech DATE: 4-6-05



DEPARTMENT USE ONLY

Application Accepted By: [signature] Date: 4/8/05 Area: ____ Employee ID#: 4000 5/99

Grout Inspection By: ____ Date: ____ ☐ SPECIAL Well Permit

Pump Inspection By: David Van Dyke Date: 6-14-2005 ☐ WAIVER Received

Destruction Inspection By: ____ Date: ____ Constructed Well Depth ____ ft

COMMENTS: ____

PE Codes	SC Info	Received By	Check#/ Cash	Amount Remitted	Date	Permit/ Service Request #	Invoice #	Well ID#
43.81	050	Zd	14229	$50.00	4/8/05	SR0041853		

JOB ADDRESS: 14800 Schulte **PERMIT #:** _____

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License # 734978 **Expiration Date** 4-6-05

Date 4-6-05 **Contractor** West Coast Sign & Electric Inc DBA Bradley Electric PO Box 159 Ripon

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt herefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500)):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Section 7044, Business and Professions Code: The contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code (B&PC): The Contractor's License Law does not apply to an owner of property who builds or improves hereon, and who constructs for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Section _____ , B&PC for this reason _____

Date: _____ **Owner** _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Section 3800, Labor Code).

Expiration Date _____ **Company** _____

☐ Certified copy is hereby furnished

☐ Certified copy is filed with the Environmental Health Department

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date: _____ **Applicant** _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).

Lender's Name _____

Lender' Address _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTICATION

☐ I hereby certify that no excavation five (5) or more feet in depth into which a person is required to descend, will be made in connection with work authorized by the permit, and that no building structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than thirty-six (36) feet high. (Chapter 3.2, Group 2, Article 2, Section 341, Title 8, California Administrative Code).

☐ As owner-builder, I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above, unless such person has a permit to do such work from the division.

☐ Division of Industrial Safety Permit # _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to well construction and or sewage system construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Date _____ **Applicant** _____

WELL / PUMP PERMIT

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT — 304 E WEBER AVE 3RD FL - STOCKTON CA 95202 - (209) 468-3420

NON-REFUNDABLE PERMIT — CALL (209) 953-7697 FOR INSPECTIONS — EXPIRES 1 YEAR FROM DATE ISSUED

SITE ADDRESS: 14800 W. Schulte Rd - Tracy

JOB ADDRESS 14800 W. SCHULTE RD. CITY/ZIP Tracy, Ca. 95376
CROSS STREET Lammers APN 209-240-23 PARCEL SIZE 37.96
OWNER NAME TRACY OPERATORS PHONE (209) 835-6914
OWNER ADDRESS 14800 W. SHULTE RD. CITY/STATE/ZIP Tracy, Ca. 95376
CONTRACTOR West Coast Sign DBA: Beasley Electric Pump PHONE (209) 835-2814
CONTRACTOR ADDRESS P.O. Box 159 CITY/STATE/ZIP Tracy, Ca. 95378
SUBCONTRACTOR N/a PHONE N/a
SUBCONTRACTOR ADDRESS N/a CITY/STATE/ZIP N/a
LICENSE ☐ C-57 ☒ C-61 ☐ D-09 ☒ Other C10, D21 NUMBER 739938 EXPIRATION DATE 8/31/03

GEOGRAPHICAL INFORMATION: Coordinates X ____ Y ____ Township ____ Range ____ Section ____

INTENDED USE ☐ Domestic/Private ☐ Irrigation/Agricultural ☒ Industrial ☐ Water Quality Monitoring ☐ Soil Sampling/Characterization
☐ Public Water System (If different from Owner: Water System Name / Contact Name or Phone Number)

TYPE OF WORK ☐ New Well ☐ Replacement Well ☐ Well Alteration/Modification ☐ Test Hole ☐ Other ____
☐ Monitoring Well(s) ____ number of wells ☐ Soil Boring(s) ____ number of borings ☐ Geotechnical ____ number of borings
☐ Well Destruction ☐ Out-Of-Service Well ☐ Out-Of-Service Well Renewal
☐ New Pump ☒ Pump Replacement ☐ Pump Repair ☐ Cross-Connection Repair

WELL CONSTRUCTION
Drilling Method ☐ Mud Rotary ☐ Air Rotary ☐ Auger ☐ Cable Tool ☐ Push Point ☐ Other ____
Proposed Well Depth ____ ft Excavation ____ in diameter ☐ Open Bottom ☐ Gravel Pack / Gravel Size ____ in diameter
☐ Conductor Casing ____ in diameter / Conductor Casing Depth ____ ft
Well Casing Diameter ____ in Thickness/Gauge/ASTM Sched ____ ☐ Steel ☐ Plastic ☐ Stainless Steel ☐ Other ____
Grout Seal Depth ____ ft ☐ Neat Cement *(94 lb bag / 5-10 gal water)* ☐ Sand Cement ____ *sack mix* / 7 gal water
☐ Bentonite (20% solids) ☐ Manufacturer Spec % solids ____ % Name ____ ☐ Specs on File ☐ Specs Submitted
Grout Placement Method ☐ Pumped ☐ Free Fall ☐ Other ____ ☐ Retardant / Accelerator (name) ____

PEDESTAL Installed By ☐ Driller ☐ Pump Contractor ☐ Other ____
☐ Concrete Pedestal Dimensions: Width ____ ft Length ____ ft Thick ____ in ☐ Christy Box ☐ Stove Pipe

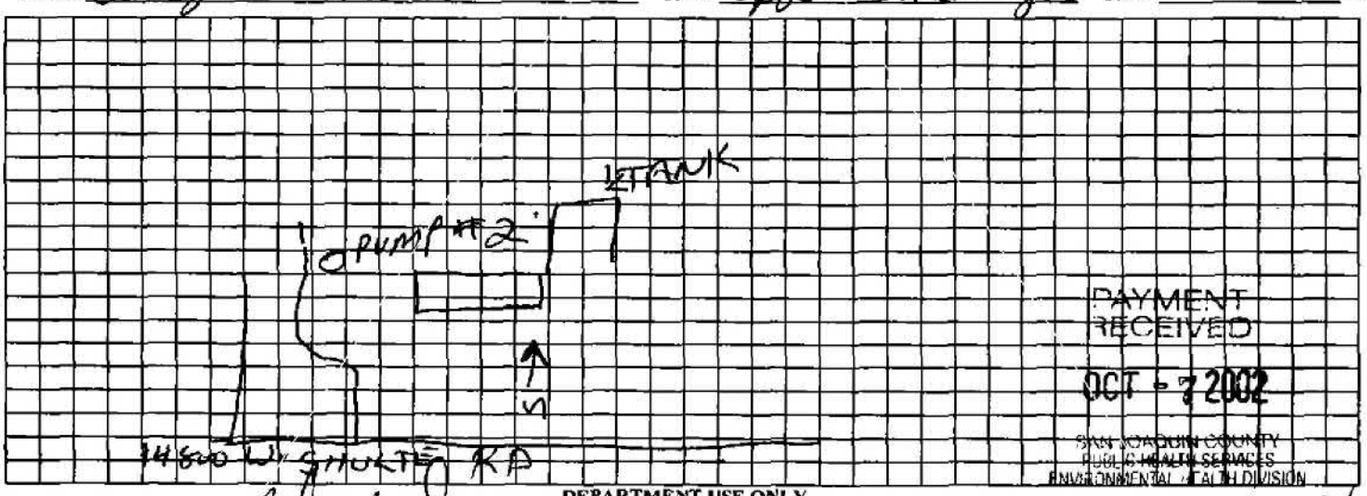
PUMP ☒ Submersible ☐ Turbine ☐ Other ____ HP 30 Pump Set 252 ft Standing Water Level 176 ft

WELL DESTRUCTION ☐ Open Bottom ☐ Gravel Pack ☐ Uncased ☐ Other ____
Well Diameter ____ in Total Depth ____ ft Depth to Water ____ ft ☐ Casing to be Perforated from ____ ft to ____ ft
Sealing Material ☐ Neat Cement *(94 lb bag / 5-10 gal water)* ☐ Sand Cement ____ *sack mix* / 7 gal water ☐ Bentonite Pellets
☐ Bentonite (20% solids) ☐ Manufacturer Spec % solids ____ % Name ____ ☐ Specs on File ☐ Specs Submitted
Placement Method ☐ Pumped ☐ Free Fall ☐ Other ____
☐ Complete with Mushroom Cap ____ ft below grade ☐ Complete to Existing Surface Pad

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS. I ALSO CERTIFY THAT MY REQUIRED LICENSE IS CURRENT AND ACTIVE WITH THE CALIFORNIA CONTRACTORS STATE LICENSE BOARD AND THAT I AM IN COMPLIANCE WITH ALL WORKERS COMPENSATION LAWS.

MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS

SIGNED Angela Freitas TITLE Office Manager DATE 9-30-02



PAYMENT RECEIVED
OCT - 7 2002
SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES ENVIRONMENTAL HEALTH DIVISION

05/99

DEPARTMENT USE ONLY

Application Accepted By [illegible] Date 10-07-02 Area 216 Employee ID# 5544
Grout Inspection By ____ Date ____ ☐ SPECIAL Well Permit
Pump Inspection By [illegible] Date 10/24/02 ☐ WAIVER Received
Destruction Inspection By ____ Date ____ Constructed Well Depth ____ ft
COMMENTS ____

PE Codes	SC Info	Amount Remitted	Check#/ Cash	Received By	Date	Permit/ Service Request #	Invoice #	Well ID#
4380	050	50.00	11580	KL	10/7/02	SR0031472		WP6024777

JOB ADDRESS: 14800 W. Shulte Rd. - Tracy **PERMIT #:** _____

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License # 739938 **Expiration Date** 8/31/03

Date _____ **Contractor** Angela Freitas

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code: *Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt herefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500)*):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Section 7044, Business and Professions Code: *The contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.*)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code (B&PC): The Contractor's License Law does not apply to an owner of property who builds or improves hereon, and who constructs for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Section _____ , B&PC for this reason _____

Date: _____ **Owner** _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Section 3800, Labor Code).

Expiration Date _____ **Company** _____

☐ Certified copy is hereby furnished

☒ Certified copy is filed with the Environmental Health Department

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date: _____ **Applicant** _____

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Lender' Address _____

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☐ As owner-builder, I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above, unless such person has a permit to do such work from the division.

☐ Division of Industrial Safety Permit # _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to well construction and or sewage system construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Date _____ **Applicant** Angela Freitas

WP0020944

PUMP

APPLICATION FOR WELL/PUMP PERMIT
SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
304 EAST WEBER AVENUE, STOCKTON, CA 95202
(209) 468-3420

NON-REFUNDABLE PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

(Complete in Triplicate)

APPLICATION IS HERE BY MADE TO THE SAN JOAQUIN COUNTY FOR A PERMIT TO CONSTRUCT AND/OR INSTALL THE WORK DESCRIBED. THIS APPLICATION IS MADE IN COMPLIANCE WITH SAN JOAQUIN COUNTY DEVELOPMENT TITLE, CHAPTER 9-1115.3 AND THE STANDARDS OF SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES, ENVIRONMENTAL HEALTH DIVISION.

JOB ADDRESS/OR APN# 14800 Schulte Rd. CITY Tracy PARCEL SIZE/AP#

OWNER'S NAME Tracy Operators ADDRESS P.O.Box 1211 Tracy PHONE #

CONTRACTOR Freitas Electric, Inc. ADDRESS P.O.Bx 16 Banta LIC# 453962 PHONE # 835-2814

SUB CONTRACTOR ADDRESS 95304 LIC# PHONE #

TYPE OF WELL/PUMP: ☐ NEW WELL ☐ REPLACEMENT WELL ☐ MONITORING WELL # ☐ OTHER

Sub (TYPE OF PUMP) ☐ INSTALLATION ☐ New ☐ Repair ☐ WELL SYSTEM REPAIR H.P. 30 ☐ CROSS-CONNECT REPAIR DEPTH PUMP SET 252 FT. ☐ VAPOR EXTRACTION WELL # FIRST WATER LEVEL

☐ OUT-OF-SERVICE WELL ☐ GEOPHYSICAL WELL # ☐ SOIL BORING

☐ DESTRUCTION:

INTENDED USE	TYPE OF WELL	CONSTRUCTION SPECIFICATIONS	
☒ INDUSTRIAL	☐ OPEN BOTTOM	DIA. OF WELL EXCAVATION	DIA. OF CONDUCTOR CASING
☐ DOMESTIC/PRIVATE	☐ GRAVEL PACK/SIZE	TYPE OF CASING/STEEL/PVC	DIA. OF WELL CASING
☐ PUBLIC/MUNICIPAL	☐ DRIVEN	DEPTH OF GROUT SEAL	SPECIFICATION
☐ IRRIGATION/AG	☐ OTHER	GROUT SEAL INSTALLED BY	GROUT BRAND NAME
☐ MONITORING		GROUT SEAL PUMPED: ☐ Yes ☐ No	CONCRETE PEDESTAL BY DRILLER: ☐ Yes ☐ No
APPROX. DEPTH 260		LOCKING CHESTER BOX/STOVE PIPE	

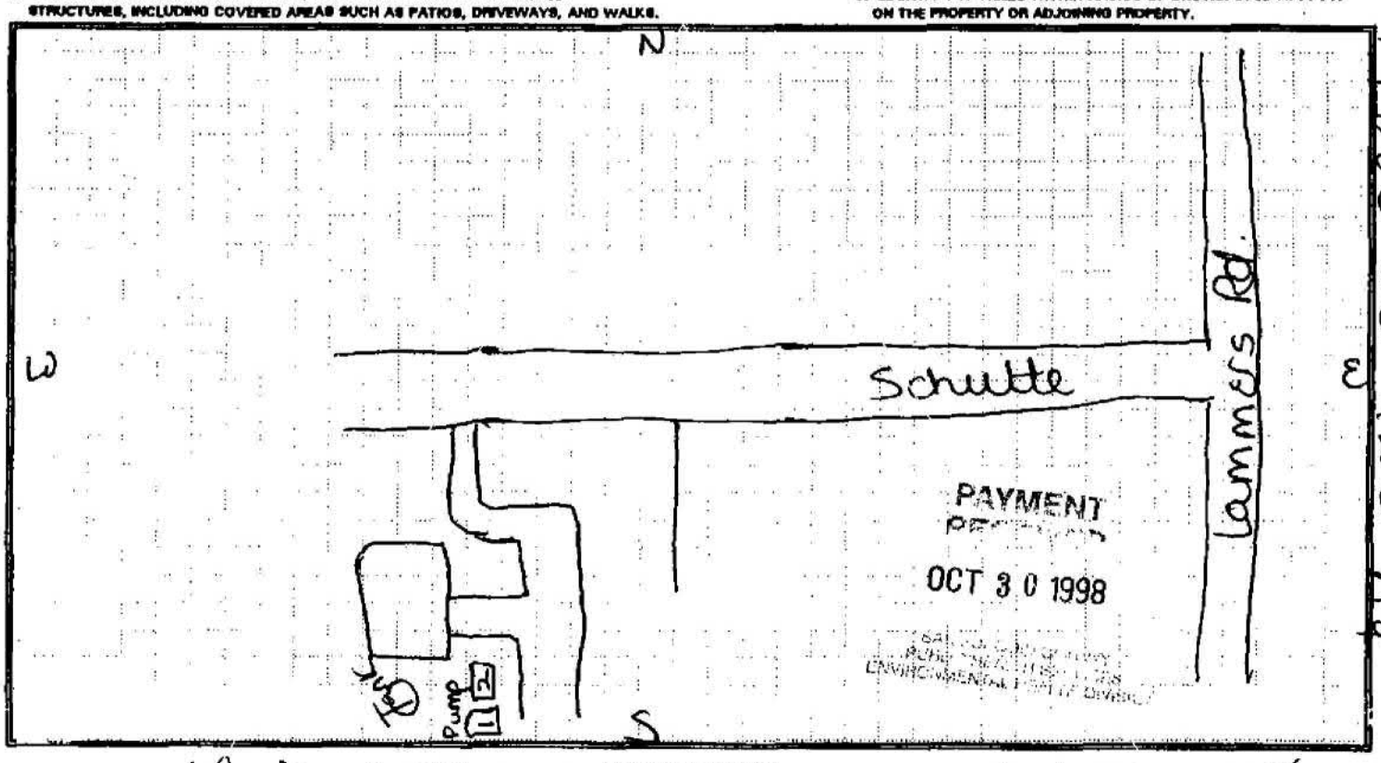
PROPOSED CONSTRUCTION/DRILLING METHOD: MUD ROTARY AIR ROTARY AUGER CABLE OTHER

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS OF THE SAN JOAQUIN COUNTY. HOME OWNER OR LICENSED AGENT'S SIGNATURE CERTIFIES THE FOLLOWING: "I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY PERSONS SUBJECT TO WORKMAN'S COMPENSATION LAWS OF CALIFORNIA." CONTRACTOR'S HIRING OR SUB-CONTRACTING SIGNATURE CERTIFIES THE FOLLOWING: "I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL EMPLOY PERSONS SUBJECT TO WORKMAN'S COMPENSATION LAWS OF CALIFORNIA." THE APPLICANT MUST CALL 24 HOURS IN ADVANCE FOR ALL REQUIRED INSPECTIONS AT (209) 468-3423. COMPLETE DRAWING AT LOWER AREA PROVIDED.

Signed X [signature] Title Pres Date 10-28-98

PLOT PLAN (Draw to Scale) Scale ____" to ____

1. NAMES OF STREETS OR ROADS NEAREST TO OR BOUNDING THE PROPERTY.
2. OUTLINE OF THE PROPERTY, GIVING DIMENSIONS AND NORTH DIRECTION.
3. DIMENSIONED OUTLINES AND LOCATION OF ALL EXISTING AND PROPOSED STRUCTURES, INCLUDING COVERED AREAS SUCH AS PATIOS, DRIVEWAYS, AND WALKS.
4. LOCATION OF HOUSE SEWAGE DISPOSAL SYSTEM OR PROPOSED EXPANSION OF SEWAGE DISPOSAL SYSTEMS.
5. LOCATION OF WELLS WITHIN RADIUS OF ONE HUNDRED FIFTY FT. ON THE PROPERTY OR ADJOINING PROPERTY.



DEPARTMENT USE ONLY

Application Accepted By Linda A. Turbatte Date 10/30/98 Area 216

Grout Inspection By ____ Date ____ Pump Inspection By [signature] Date 1-24-00

Destruction Inspection By ____ Date ____

Comments: 1-24-2000 Both wells ok [signature]

ACCOUNTING ONLY:	AID#	FAC#

PF CODES	FEE INFO	AMOUNT REMITTED	CHECK/CASH	RECEIVED BY	DATE	PERMIT/SERVICE REQUEST NUMBER	INVOICE
4380	050	$150.00	2376	[illegible]	10/30/98	~~017406~~ SR0017406	

APPLICATION FOR WELL/PUMP PERMIT
SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
P.O. BOX 388, 304 EAST WEBER AVENUE, STOCKTON, CA 95201-388
(209) 468-3420

NON-REFUNDABLE PERMIT EXPIRES 1 YEAR FROM DATE ISSUED
(Complete in Triplicate)

APPLICATION IS HERE BY MADE TO THE SAN JOAQUIN COUNTY FOR A PERMIT TO CONSTRUCT AND/OR INSTALL THE WORK DESCRIBED. THIS APPLICATION IS MADE IN COMPLIANCE WITH SAN JOAQUIN COUNTY DEVELOPMENT TITLE, CHAPTER 9-1115.3 AND THE STANDARDS OF SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES, ENVIRONMENTAL HEALTH DIVISION.

JOB ADDRESS/OR APN# 14800 W. Schulte CITY Tracy PARCEL SIZE/APN#
OWNER'S NAME Tracy Operators ADDRESS PO Box 1211 Tracy PHONE # 835-6914
CONTRACTOR Freitas Elec. Inc. ADDRESS PO Box 16 Banta LIC# 453962 PHONE # 835-2814
SUB CONTRACTOR ADDRESS LIC# PHONE #

TYPE OF WELL/PUMP: ☐ NEW WELL ☐ REPLACEMENT WELL ☐ MONITORING WELL # ☐ OTHER
☐ INSTALLATION ☐ WELL SYSTEM REPAIR ☐ CROSS-CONNECT REPAIR ☐ VAPOR EXTRACTION WELL #
Sub (TYPE OF PUMP) ☐ New ☐ Repair H.P. 30 DEPTH PUMP SET ___ FT. FIRST WATER LEVEL
☐ OUT-OF-SERVICE WELL ☐ GEOPHYSICAL WELL # ☐ SOIL BORING
☐ DESTRUCTION:

JOB ADDRESS 14800 W. Schulte

INTENDED USE	TYPE OF WELL	CONSTRUCTION SPECIFICATIONS	
☐ INDUSTRIAL	☐ OPEN BOTTOM	DIA. OF WELL EXCAVATION	DIA. OF CONDUCTOR CASING
☑ DOMESTIC/PRIVATE	☐ GRAVEL PACK/SIZE	TYPE OF CASING/STEEL/PVC	DIA. OF WELL CASING
☐ PUBLIC/MUNICIPAL	☐ DRIVEN	DEPTH OF GROUT SEAL	SPECIFICATION
☐ IRRIGATION/AG	☐ OTHER	GROUT SEAL INSTALLED BY	GROUT BRAND NAME
☐ MONITORING		GROUT SEAL PUMPED: ☐ Yes ☐ No	CONCRETE PEDESTAL BY DRILLER: ☐ Yes ☐ No
APPROX. DEPTH		LOCKING CHESTER BOX/STOVE PIPE	

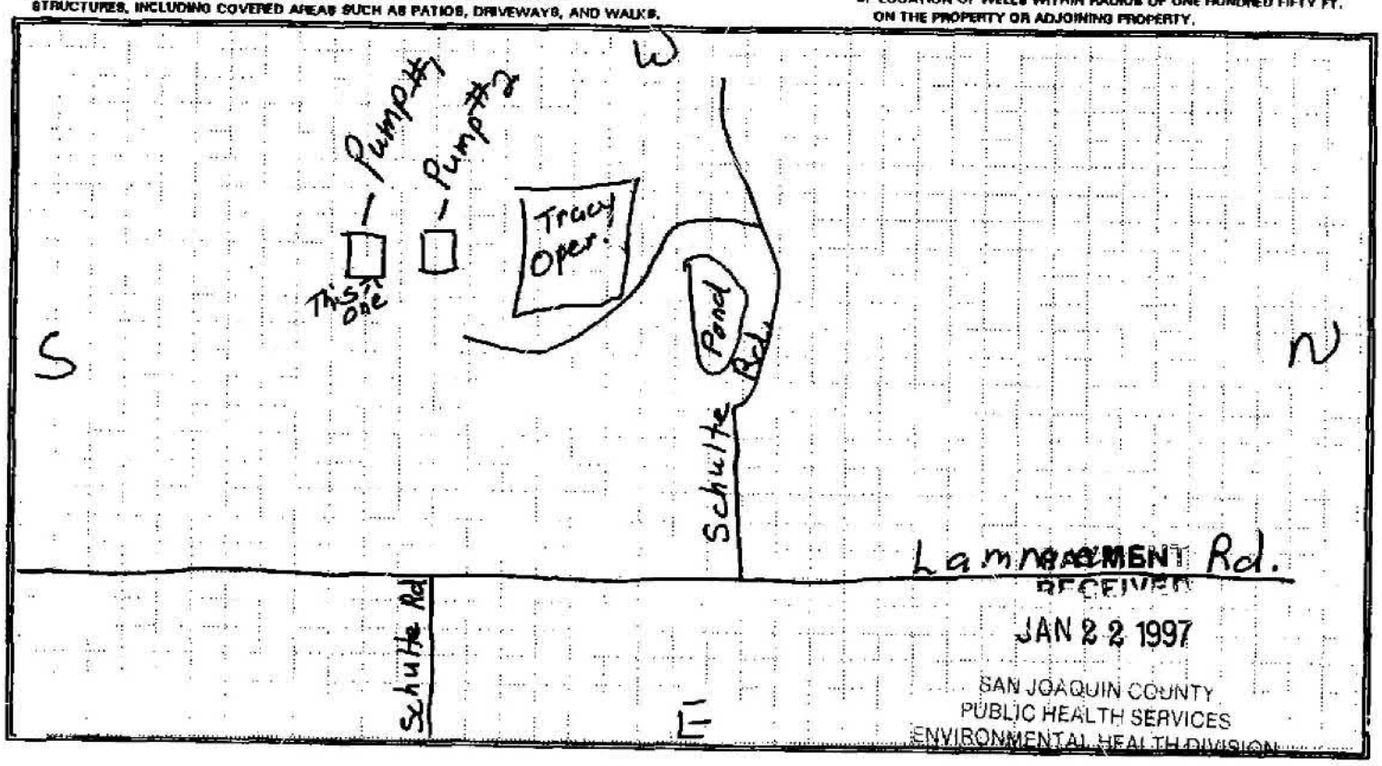
PROPOSED CONSTRUCTION/DRILLING METHOD: MUD ROTARY ___ AIR ROTARY ___ AUGER ___ CABLE ___ OTHER ___

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS OF THE SAN JOAQUIN COUNTY. HOME OWNER OR LICENSED AGENT'S SIGNATURE CERTIFIES THE FOLLOWING: "I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY PERSONS SUBJECT TO WORKMAN'S COMPENSATION LAWS OF CALIFORNIA." CONTRACTOR'S HIRING OR SUB-CONTRACTING SIGNATURE CERTIFIES THE FOLLOWING: " I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL EMPLOY PERSONS SUBJECT TO WORKMAN'S COMPENSATION LAWS OF CALIFORNIA." THE APPLICANT MUST CALL 24 HOURS IN ADVANCE FOR ALL REQUIRED INSPECTIONS AT (209) 468-3423. COMPLETE DRAWING AT LOWER AREA PROVIDED.

Signed X Linda Martin Title Permit Person Date 1-15-97

PLOT PLAN (Draw to Scale) Scale ___ " to ___

1. NAMES OF STREETS OR ROADS NEAREST TO OR BOUNDING THE PROPERTY.
2. OUTLINE OF THE PROPERTY, GIVING DIMENSIONS AND NORTH DIRECTION.
3. DIMENSIONED OUTLINES AND LOCATION OF ALL EXISTING AND PROPOSED STRUCTURES, INCLUDING COVERED AREAS SUCH AS PATIOS, DRIVEWAYS, AND WALKS.
4. LOCATION OF HOUSE SEWAGE DISPOSAL SYSTEM OR PROPOSED EXPANSION OF SEWAGE DISPOSAL SYSTEMS.
5. LOCATION OF WELLS WITHIN RADIUS OF ONE HUNDRED FIFTY FT. ON THE PROPERTY OR ADJOINING PROPERTY.



RECEIVED
JAN 22 1997
SAN JOAQUIN COUNTY
PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION

DEPARTMENT USE ONLY

Application Accepted By C. Borgman Date 1/21/97 Area 216
Grout Inspection By ___ Date ___ Pump Inspection By J Carrubbo Date 9-2-97
Destruction Inspection By ___ Date ___
Comments:

ACCOUNTING ONLY:	AID#	FAC#

FE CODE#	FEE INFO	AMOUNT REMITTED	CHECK#/CASH	RECEIVED BY	DATE	PERMIT/SERVICE REQUEST NUMBER	INVOICE
4380	050	50	#18944	LB	1/22/97	~~[illegible]~~ SR001141	035135

Pub. Health Serv. - Enviro. 173 (3/96)

APPLICATION

SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
445 N SAN JOAQUIN, PHONE (209)468-3420
P O BOX 2009, STOCKTON, CA 95201

SR # 3100
D # 4900
P #
V # 10093

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED
(Complete in Triplicate)

Application is hereby made to San Joaquin County for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 and 1862 and the Rules and Regulations of San Joaquin County Public Health Services.

Job Address 14800 W. Schulte Rd City Tracy Lot Size/Acreage

Owner's Name Tracy Operators Address P.O. Bx 1211 Tracy Ca 95378 Phone

Contractor Freitas Elect Inc Address PO Bx 16 Benta Ca 95304 License No. 453962 Phone 835-2814

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☐ Out of Service Well ☐
PUMP INSTALLATION ☑ SYSTEM REPAIR ☑ OTHER ☐ Monitoring Well ☐

DISTANCE TO NEAREST: SEPTIC TANK ____ SEWER LINES ____ DISPOSAL FLD. ____ PROP. LINE ____
FOUNDATION ____ AGRICULTURE WELL ____ OTHER WELL ____ PITS/SUMPS ____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS	
☑ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation ____	Dia. of Well Casing ____
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing ____	Specifications ____
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal ____	Type of Grout ____
☐ Irrigation	____ Approx. Depth	☐ Eastern	Surface Seal Installed by ____	

Repair Work Done ☑ Type of Pump sub H.P. 30 State Work Done Replaced pump
Well Destruction ☐ Well Diameter ____ Sealing Material & Depth ____
Depth ____ Filler Material & Depth ____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☐ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ____ Commercial ____ Other ____
Number of living units: ____ Number of bedrooms ____
Character of soil to a depth of 3 feet: ____ Water table depth ____

PAYMENT RECEIVED MAY 19 1994 SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES ENVIRONMENTAL HEALTH DIVISION

SEPTIC TANK ☐ Type/Mfg ____ Capacity ____ No. Compartments ____
PKG. TREATMENT PLT. ☐ Method of Disposal ____
Distance to nearest: Well ____ Foundation ____ Property Line ____

LEACHING LINE ☐ No. & Length of lines ____ Total length/size ____
FILTER BED ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____

SEEPAGE PITS ☐ Depth ____ Size ____ Number ____
SUMPS ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____
DISPOSAL PONDS ☐

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin county ordinances, state laws, and rules and regulations of the San Joaquin County
Home owner or licensed agent's signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in such manner as to become subject to workman's compensation laws of California." Contractor's hiring or sub-contracting signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall employ persons subject to workman's compensation laws of California."

The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: Pres Date: 4-18-94

FOR DEPARTMENT USE ONLY

Application Accepted by Borgma Date 4/18/94 Area 216

Pit or Grout Inspection by ____ Date ____ Final Inspection by Roger Mathew Date 5-17-94

Additional Comments: ____

Applicant - Return all copies to: San Joaquin County Public Health Services
Environmental Health Permit/Services
445 N San Joaquin, P O Box 2009, Stkn, CA 95201

SR000310D

43.80

FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK# CASH	RECEIVED BY	DATE	PERMIT NO.
PR	45.00	45.00	4026	[signature]	5/19/94	3100

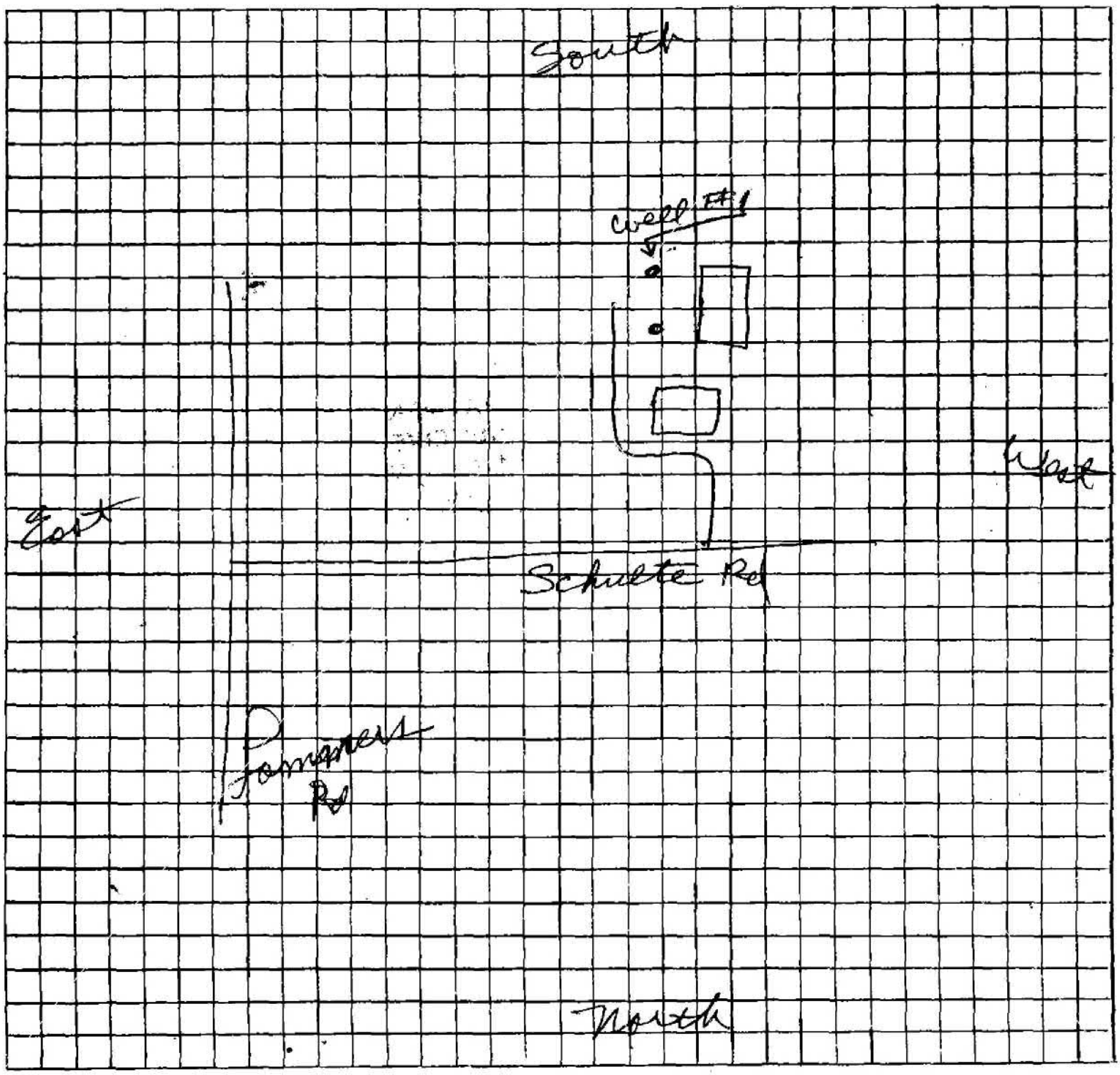
EH 13-24 (REV. 1/86)
EH 14-28

14800 W. SCHULTE RD.

PLOT PLAN
(Draw To Scale)

SCALE _____" TO _____

1. Names of streets or roads nearest to or bounding the property.
2. Outline of the property, giving dimensions and North direction.
3. Dimensioned outlines and locations of all existing and proposed structures, including covered areas such as patios, ~~driveways and walks.~~
4. Location of house sewer outlet, public sewer, sewage disposal system or proposed sewage disposal system proposed expansion of sewage disposal system, or any other possible source of contamination.
5. Location of other wells within radius of 150 feet on the property or adjoining property.
6. Location of sewage disposal system on adjoining property or within a radius of 150 feet.



APPLICATION FOR PERMIT

SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
445 N SAN JOAQUIN, PHONE (209)468-3420
P O BOX 2009, STOCKTON, CA 95201

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED
(Complete in Triplicate)

Application is hereby made to San Joaquin County for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 and 1862 and the Rules and Regulations of San Joaquin County Public Health Services.

Job Address 14800 W Schulte Rd City Tracy Lot Size/Acreage

Owner's Name Tracy Operators Address PO Bx 1211 Tracy Ca 95378 Phone

Contractor Peters Electric Inc Address PO Bx 16 Benta Ca 95304 License No. 453962 Phone 835-2814

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☐ Out of Service Well ☐
PUMP INSTALLATION ☑ SYSTEM REPAIR ☑ OTHER ☐ Monitoring Well ☐

DISTANCE TO NEAREST: SEPTIC TANK ____ SEWER LINES ____ DISPOSAL FLD. ____ PROP. LINE ____
FOUNDATION ____ AGRICULTURE WELL ____ OTHER WELL ____ PITS/SUMPS ____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS	
☐ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation	Dia. of Well Casing
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing	Specifications
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal	Type of Grout
☐ Irrigation	Approx. Depth	☐ Eastern	Surface Seal Installed by	

Repair Work Done ☑ Type of Pump Sub H.P. 30 State Work Done Replaced pump
Well Destruction ☐ Well Diameter ____ Sealing Material & Depth ____
Depth ____ Filler Material & Depth ____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☐ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ____ Commercial ____ Other ____
Number of living units: ____ Number of bedrooms ____
Character of soil to a depth of 3 feet: ____

SEPTIC TANK ☐ Type/Mfg ____ Capacity ____ Water Volume ____
PKG. TREATMENT PLT. ☐ No. Compartments ____ Method of Disposal ____
Distance to nearest: Well ____ Foundation ____ Property Line ____

PAYMENT RECEIVED JAN 27 1993 SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES ENVIRONMENTAL HEALTH DIVISION

LEACHING LINE ☐ No. & Length of lines ____ Total length/size ____
FILTER BED ☐ Distance to nearest: Well ____ Foundation ____

SEEPAGE PITS ☐ Depth ____ Size ____ Number ____
SUMPS ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____
DISPOSAL PONDS ☐

14800 W. SCHULTE RD.

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Home owner or licensed agent's signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in such manner as to become subject to workman's compensation laws of California." Contractor's hiring or sub-contracting signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall employ persons subject to workman's compensation laws of California."

The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: Pres Date: 1-26-93

FOR DEPARTMENT USE ONLY

Application Accepted by [signature] Date 1/29/93 Area 216
Pit or Grout Inspection by ____ Date ____ Final Inspection by [signature] Date 2/1/93
Additional Comments: ____

Applicant - Return all copies to: San Joaquin County Public Health Services
Environmental Health Permit/Services
445 N San Joaquin, P O Box 2009, Stkn, CA 95201

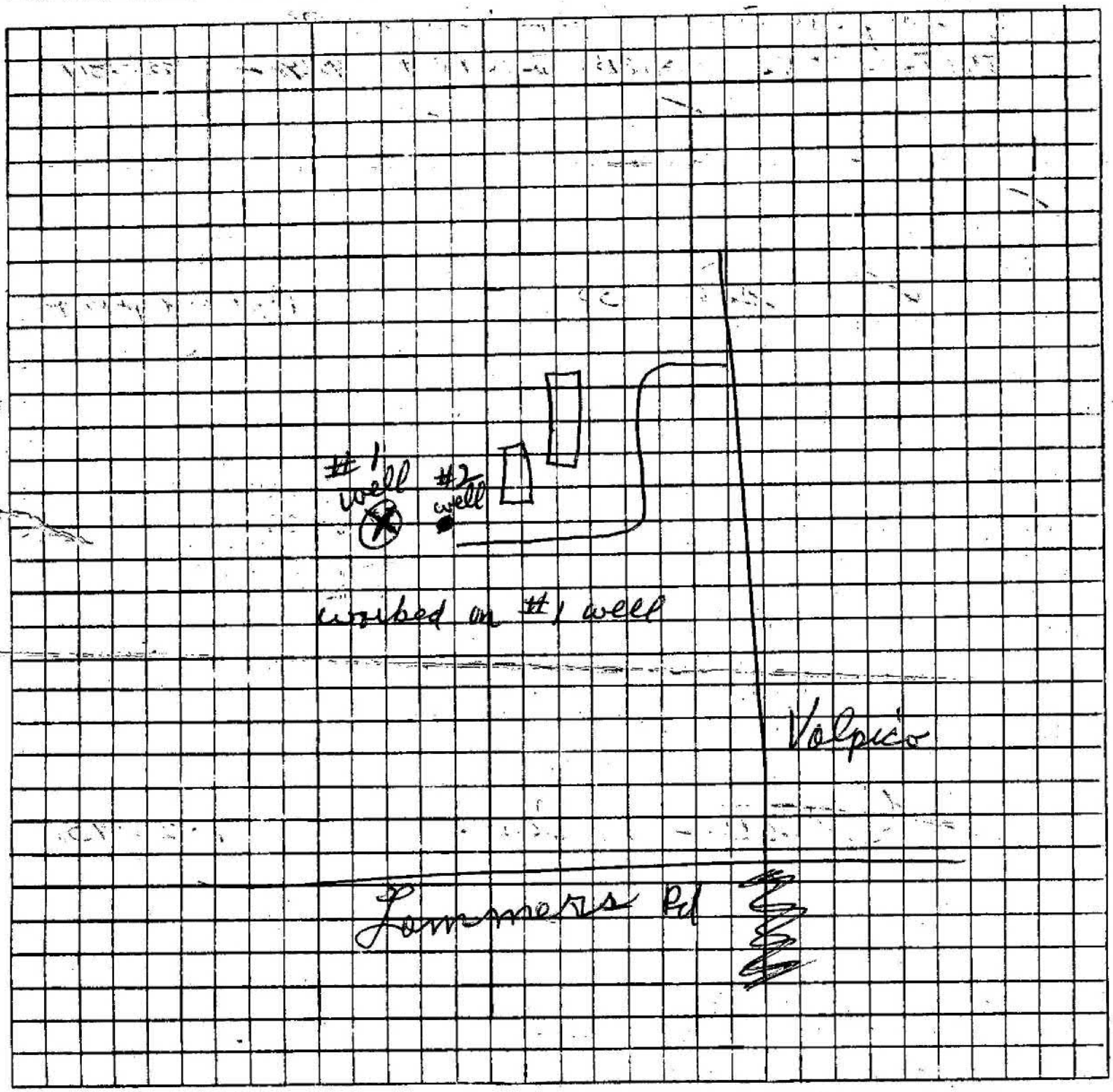
FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK # CASH	RECEIVED BY	DATE	PERMIT NO.
PR	$45.00	45.00	3375	GO	1/29/93	93-0133

EH 13-24 (REV. 1/88)
EH 14-20

PLOT PLAN
(Draw To Scale)

SCALE _____" TO_____

1. Names of streets or roads nearest to or bounding the property.
2. Outline of the property, giving dimensions and North direction.
3. Dimensioned outlines and locations of all existing and proposed structures, including covered areas such as patios, driveways and walks.
4. Location of house sewer outlet, public sewer, sewage disposal system or proposed sewage disposal system, proposed expansion of sewage disposal system, or any other possible source of contamination.
5. Location of other wells within radius of 150 feet on the property or adjoining property.
6. Location of sewage disposal system on adjoining property or within a radius of 150 feet.



APPLICATION FOR PERMIT

SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
1601 E. HAZELTON AVE., PHONE (209)468-3420
P O BOX 2009, STOCKTON, CA 95201

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED
(Complete in Triplicate)

Application is hereby made to San Joaquin County for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 and 1862 and the Rules and Regulations of San Joaquin County Public Health Services.

Job Address 14800 Schulte Rd City Tracy Lot Size/Acreage 40 acres

Owner's Name Tracy Constructors Address same Phone 463-3411

Contractor Clark Address 2024 E. Charter Way License No 371560 Phone 462-7676

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☒ Out of Service Well ☐
PUMP INSTALLATION ☐ SYSTEM REPAIR ☐ OTHER ☐ Monitoring Well ☐

DISTANCE TO NEAREST: SEPTIC TANK ____ SEWER LINES ____ DISPOSAL FLD. ____ PROP. LINE 70'
FOUNDATION ____ AGRICULTURE WELL ____ OTHER WELL 100' PITS/SUMPS ____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS
☐ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation ____ Dia. of Well Casing ____
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing ____ Specifications ____
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal ____ Type of Grout ____
☐ Irrigation	___ Approx. Depth	☐ Eastern	Surface Seal Installed by ____

Repair Work Done ☐ Type of Pump ____ H.P. ____ State Work Done ____
Well Destruction ☐ Well Diameter 6" Sealing Material & Depth ~~6 sack bottom to top~~ 280'
Depth 280' Filler Material & Depth ____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☐ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ____ Commercial ____ Other ____
Number of living units: ____ Number of bedrooms ____
Character of soil to a depth of 3 feet: ____ Water table depth ____

SEPTIC TANK. ☐ Type/Mfg ____ Capacity ____ No. Compartments ____
PKG. TREATMENT PLT. ☐ Method of Disposal ____
Distance to nearest: Well ____ Foundation ____ Property Line ____

LEACHING LINE ☐ No. & Length of lines ____ Total length/size ____
FILTER BED ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____

SEEPAGE PITS ☐ Depth ____ Size ____ Number ____
SUMPS ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____
DISPOSAL PONDS ☐

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin county ordinances, state laws, and rules and regulations of the San Joaquin County
Home owner or licensed agent's signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in such manner as to become subject to workman's compensation laws of California." Contractor's hiring or sub-contracting signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall employ persons subject to workman's compensation laws of California."

The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: VP Clark Well Date: 12 Sept 90

FOR DEPARTMENT USE ONLY

Application Accepted by [signature] Date 9/12/90 Area 16
Pit or Grout Inspection by ____ Date ____ Final Inspection by [signature] Date 9/13/90
Additional Comments: ____

Applicant - Return all copies to: San Joaquin County Public Health Services, Environmental Health Permit/Services
1601 E. Hazelton Ave., P O Box 2009, Stockton, CA 95201

FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK # CASH	RECEIVED BY	DATE	PERMIT NO.
	60.00	Charge	✓	AB	9-12-90	90-2429 D

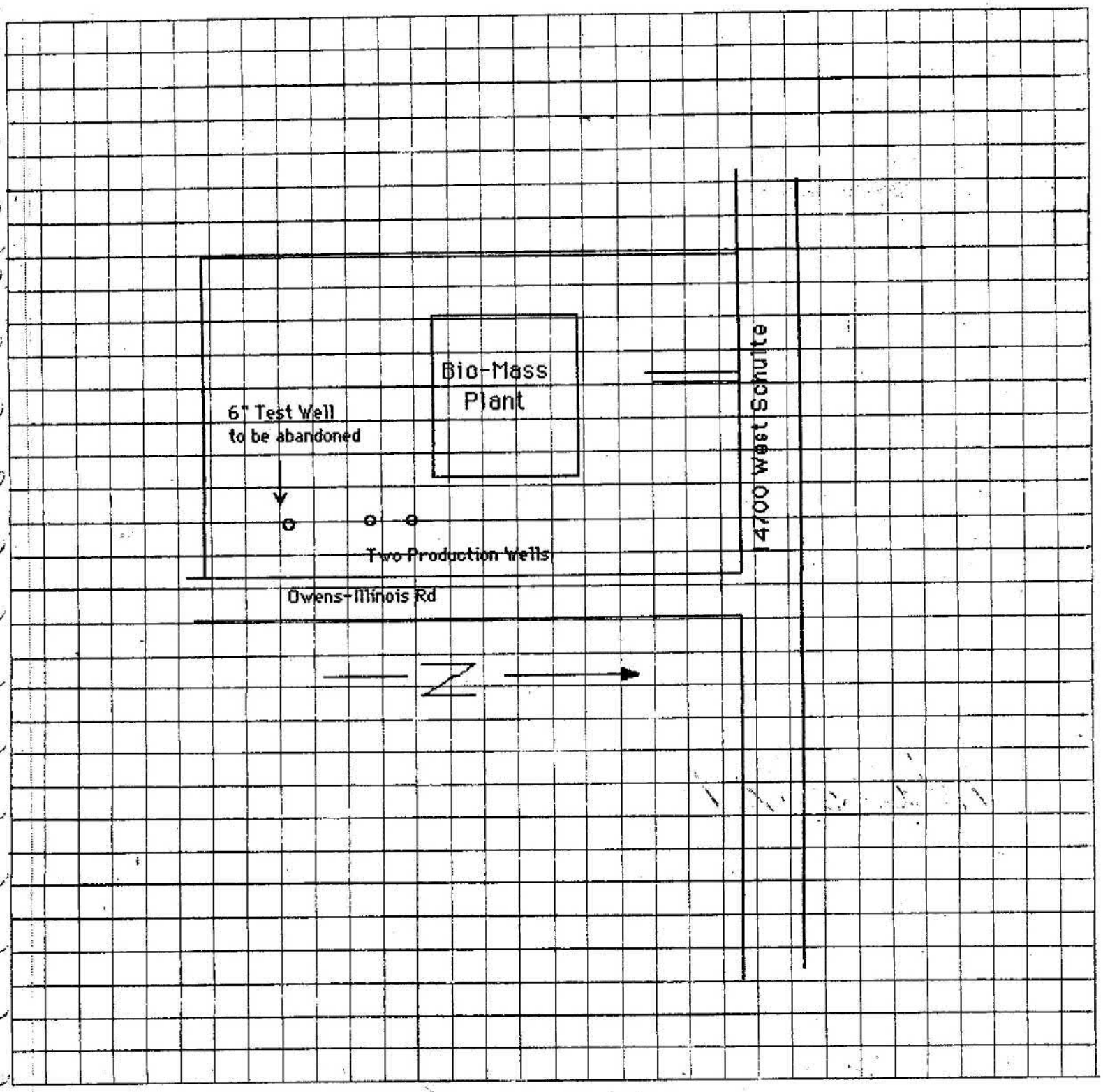
EH 13-24 (REV. 1/85)
EH 14-26

14800 Schulte, Tracy

PLOT PLAN
(Draw To Scale)

SCALE _____" TO_____

1. Names of streets or roads nearest to or bounding the property.
2. Outline of the property, giving dimensions and North direction.
3. Dimensioned outlines and locations of all existing and proposed structures, including covered areas such as patios, driveways and walks.
4. Location of house sewer outlet, public sewer, sewage disposal system or proposed sewage disposal system, proposed expansion of sewage disposal system, or any other possible source of contamination.
5. Location of other wells within radius of 150 feet on the property or adjoining property.
6. Location of sewage disposal system on adjoining property or within a radius of 150 feet.



Charlie (before lunch)

APPLICATION FOR PERMIT
SAN JOAQUIN LOCAL HEALTH DISTRICT
1601 E. HAZELTON AVE., STOCKTON, CA
Telephone (209) 466-6781

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

(Complete in Triplicate)

Application is hereby made to the San Joaquin Local Health District for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 for sewage or No. 1862 for well/pump and the Rules and Regulations of the San Joaquin Local Health District.

Job Address 14800 W. Schulte City Tracy Lot Size _____ PM _____

Owner's Name Thermal Energy Address 14800 W. Schulte Phone 836-2949

Contractor Tracy Constructors Address 14800 W. Schulte License No. 534198 Phone 836-2949

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☐
PUMP INSTALLATION ☐ SYSTEM REPAIR ☐ OTHER ☐

DISTANCE TO NEAREST: SEPTIC TANK _____ SEWER LINES _____ DISPOSAL FLD. _____ PROP. LINE _____
FOUNDATION _____ AGRICULTURE WELL _____ OTHER WELL _____ PITS/SUMPS _____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS	
☐ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation _____	Dia. of Well Casing _____
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing _____	Specifications
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal _____	Type of Grout _____
☐ Irrigation	Approx. Depth	☐ Eastern	Surface Seal Installed by _____	

Repair Work Done ☐ Type of Pump _____ H.P. _____ State Work Done _____
Well Destruction ☐ Well Diameter _____ Sealing Material (top 50') _____
Depth _____ Filler Material (Below 50') _____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☒ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ____ Commercial ✓ Other _____
Number of living units: ____ Number of bedrooms _____
Character of soil to a depth of 3 feet: Clay adobe Water table depth 132'

SEPTIC TANK ☐ Type/Mfg P&L Capacity 1200 No. Compartments 2
PKG. TREATMENT PLT. ☐ Method of Disposal _____
Distance to nearest: Well 700' Foundation _____ Property Line _____

LEACHING LINE ☐ No. & Length of lines 2-45' Total length/size [redacted] 90'
FILTER BED ☐ Distance to nearest: Well _____ Foundation _____ Property Line _____

SEEPAGE PITS ☒ Depth 25' Size 33" Number 2
SUMPS ☐ Distance to nearest: Well 700' Foundation _____ Property Line _____
DISPOSAL PONDS ☐

14800 W. Schulte

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The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: AGENT Date: 7-28-89

FOR DEPARTMENT USE ONLY

Application Accepted by [signature] Date 7-28-89 Area 216

Pit or Grout Inspection by Greg Olivera Date 11/21/89 Final Inspection by Greg Olivera Date 12/5/89

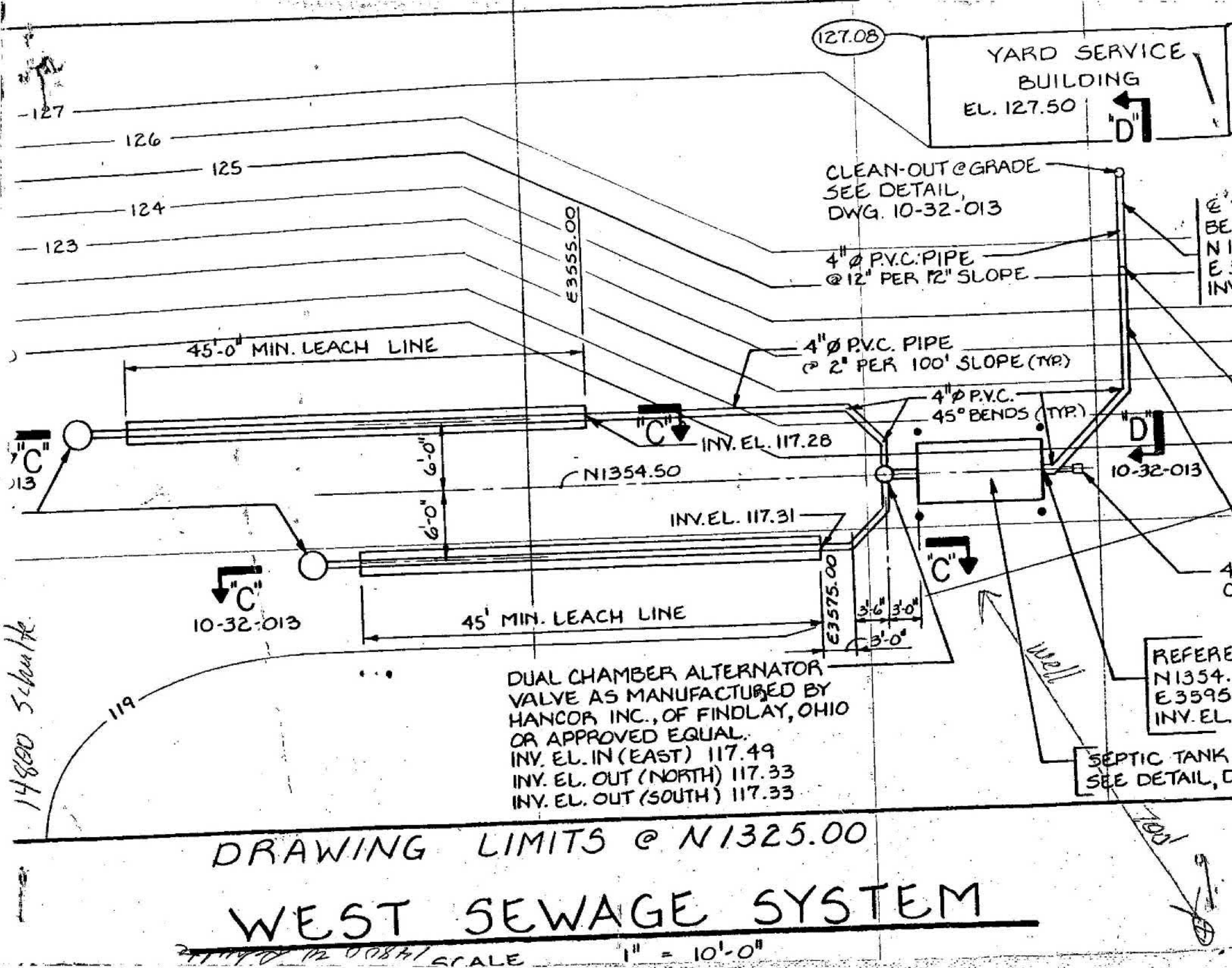
Additional Comments: _____

☐ Stk 466-6781 ☐ Lodi 369-3621 ☐ Manteca 823-7104 ☐ Tracy 835-6385

Applicant - Return all copies to: Environmental Health Permit/Services 1601 E. Hazelton Ave., P.O. Box 2009, Stk., CA 95201

FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK # CASH	RECEIVED BY	DATE	PERMIT NO.
	70.00	70.00	330		7-28-89	89-1807

EH 13-24 (REV. 1/85)
EH 14-26


127.08
YARD SERVICE BUILDING
EL. 127.50
"D"
127
126
125
124
123
CLEAN-OUT @ GRADE
SEE DETAIL,
DWG. 10-32-013
4" ø P.V.C. PIPE
@ 12" PER 12" SLOPE
E3555.00
45'-0" MIN. LEACH LINE
4" ø P.V.C. PIPE
@ 2" PER 100' SLOPE (TYP.)
4" ø P.V.C.
45° BENDS (TYP.)
"C"
INV. EL. 117.28
"D"
10-32-013
6'-0"
6'-0"
N1354.50
INV. EL. 117.31
"C"
10-32-013
45' MIN. LEACH LINE
E3575.00
3'-6"
3'-0"
3'-0"
DUAL CHAMBER ALTERNATOR
VALVE AS MANUFACTURED BY
HANCOR INC., OF FINDLAY, OHIO
OR APPROVED EQUAL.
INV. EL. IN (EAST) 117.49
INV. EL. OUT (NORTH) 117.33
INV. EL. OUT (SOUTH) 117.33
119
well
SEPTIC TANK
SEE DETAIL,
DRAWING LIMITS @ N1325.00
WEST SEWAGE SYSTEM
SCALE 1" = 10'-0"

APPLICATION FOR PERMIT

SAN JOAQUIN LOCAL HEALTH DISTRICT

1601 E. HAZELTON AVE., STOCKTON, CA
Telephone (209) 466-6781

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

(Complete in Triplicate)

Application is hereby made to the San Joaquin Local Health District for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 for sewage or No. 1862 for well/pump and the Rules and Regulations of the San Joaquin Local Health District.

Job Address 14800 W. Schulte City Tracy Lot Size _____ PM _____

Owner's Name Thermal Energy Address 14800 W. Schulte Rd Phone 836-2949

Contractor Tracy Constructors Address 14800 W. Schulte Rd License No. 534198 Phone 836-2949

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☐
PUMP INSTALLATION ☐ SYSTEM REPAIR ☐ OTHER ☐

DISTANCE TO NEAREST: SEPTIC TANK _____ SEWER LINES _____ DISPOSAL FLD. _____ PROP. LINE _____
FOUNDATION _____ AGRICULTURE WELL _____ OTHER WELL _____ PITS/SUMPS _____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS	
☐ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation _____	Dia. of Well Casing _____
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing _____	Specifications
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal _____	Type of Grout _____
☐ Irrigation	Approx. Depth	☐ Eastern	Surface Seal Installed by _____	

Repair Work Done ☐ Type of Pump _____ H.P. _____ State Work Done _____
Well Destruction ☐ Well Diameter _____ Sealing Material (top 50') _____
Depth _____ Filler Material (Below 50') _____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☒ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ____ Commercial X Other _____
Number of living units: _____ Number of bedrooms _____
Character of soil to a depth of 3 feet: Sandy Clay Water table depth 132'

SEPTIC TANK ☐ Type/Mfg PLL. Capacity 1600 No. Compartments 2
PKG. TREATMENT PLT. ☐ Method of Disposal _____
Distance to nearest: Well _____ Foundation _____ Property Line _____

LEACHING LINE ☐ No. & Length of lines 34 Total length/size 368/4"Ø
FILTER BED ☐ Distance to nearest: Well 300 Foundation 50 Property Line 300

SEEPAGE PITS ☐ Depth 3' Size 50'X20' Number 2
SUMPS FILTER BEDS ☐ Distance to nearest: Well 700 Foundation -- Property Line 200
DISPOSAL PONDS ☐

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin county ordinances, state laws, and rules and regulations of the San Joaquin Local Health District.
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The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: AGENT Date: 7-28-89

FOR DEPARTMENT USE ONLY

Application Accepted by [signature] Date 7-28-89 Area 216

Pit or Grout Inspection by _____ Date _____ Final Inspection by [signature] Date 12/6/89

Additional Comments: _____

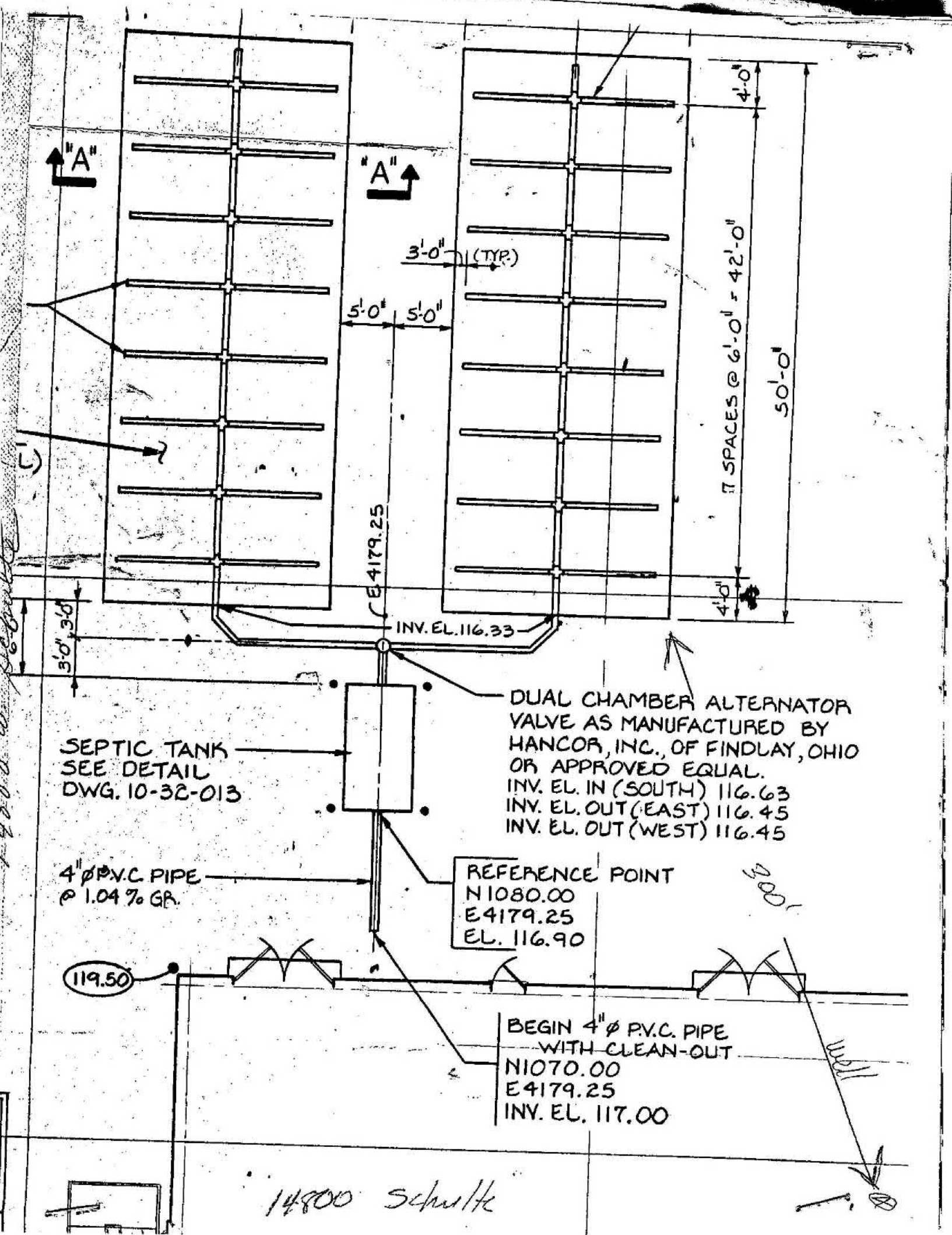
☐ Stk 466-6781 ☐ Lodi 369-3621 ☐ Manteca 823-7104 ☐ Tracy 835-6385

Applicant - Return all copies to: Environmental Health Permit/Services 1601 E. Hazelton Ave., P.O. Box 2009, Stk., CA 95201

FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK # CASH	RECEIVED BY	DATE	PERMIT NO.
	70.00	70.00	330		7-28-89	89/806

EH 13-24 (REV. 1/85)
EH 14-26

14800 W. Schulte


"A"
"A"
3'-0" (TYP.)
5'-0"
5'-0"
4'-0"
17 SPACES @ 6'-0" = 42'-0"
50'-0"
4'-0"
E4179.25
INV. EL. 116.33
6'-0"
3'-0"
3'-0"
DUAL CHAMBER ALTERNATOR VALVE AS MANUFACTURED BY HANCOR, INC., OF FINDLAY, OHIO OR APPROVED EQUAL.
INV. EL. IN (SOUTH) 116.63
INV. EL. OUT (EAST) 116.45
INV. EL. OUT (WEST) 116.45
SEPTIC TANK SEE DETAIL DWG. 10-32-013
4"ø P.V.C. PIPE @ 1.04% GR.
REFERENCE POINT
N1080.00
E4179.25
EL. 116.90
119.50
BEGIN 4"ø P.V.C. PIPE WITH CLEAN-OUT
N1070.00
E4179.25
INV. EL. 117.00
14800 Schulte

FILE COPY

Copy of Executed Agreement - original in Legal Document File

AGREEMENT FOR PURCHASE AND SALE

OF

38.353 Acres of

Unimproved Real Property

IN

Tracy, California

BY AND BETWEEN

OWENS - ILLINOIS GLASS CONTAINER INC.,

A DELAWARE CORPORATION

and

THERMAL ENERGY DEVELOPMENT PARTNERSHIP, L.P.

A DELAWARE LIMITED PARTNERSHIP

AGREEMENT FOR PURCHASE AND SALE

THIS AGREEMENT is made by and between THERMAL ENERGY DEVELOPMENT PARTNERSHIP, L.P., a Delaware Limited Partnership, d.b.a. (hereafter "Purchaser"), and OWENS - ILLINOIS GLASS CONTAINER, INC., a Delaware corporation (hereafter "Seller") with reference to the following facts:

R E C I T A L S

A. Seller is the owner of certain improved real property consisting of approximately 150 acres located at 14700 West Schulte Road, Tracy, County of San Joaquin, State of California.

B. Purchaser wishes to purchase and Seller wishes to sell an unimproved portion of such real property consisting of approximately 38.353 acres on the terms hereinafter stated. The portion to be sold (the "Property") is more particularly described as Parcel A on Parcel Map MS 86-83 (the "Parcel Map") which has been approved by San Joaquin County and recorded in Book 15 of Parcel Maps at page 118, San Joaquin County Records. a copy of which is attached hereto as Exhibit A.

NOW, THEREFORE, in consideration of the mutual covenants, representations, and warranties contained in this Agreement, the parties hereto agree as follows:

A G R E E M E N T S:

1. Purchase and Sale. Seller agrees to sell and Purchaser agrees to buy the Property.

2. Purchase Price and Payment. The agreed purchase price (the "Purchase Price") for the Property shall be Six Hundred Ninety Thousand Three Hundred Fifty Four Dollars ($690,354.00)

payable in cash at Close of Escrow (as defined hereafter).

3. Deposit. On the date of execution of this Agreement, Purchaser shall pay directly to Seller in cash, outside of escrow, the amount of Ten Thousand Dollars ($10,000.00) (the "Deposit"), which Deposit shall be nonrefundable, except in the event of a default by Seller. At Close of Escrow the Deposit shall be credited to the Purchase Price.

4. Escrow.

4.1 Opening of Escrow. Escrow No. 272010 has been opened at Ticor Title Insurance Company, 345 N. El Dorado Street, Stockton, California 95202 (the "Title Company").

4.2 Preliminary Report. Attached hereto as Exhibit "B" is a preliminary report of title to the Property dated as of February 10, 1988, prepared by the Title Company. Purchaser hereby approves the condition of title to the Property as shown on said preliminary report, except the exceptions Nos. 5 and 6. At the Close of Escrow, Seller shall convey good and marketable title in fee simple to the Property subject only to those exceptions (excluding Nos. 5 and 6), easements, liens, tenancies and encumbrances shown on the preliminary title report and the Deferred Frontage Improvement Agreement dated October 30, 1987 and a Letter Agreement with respect to participation in an Area of Benefit dated July 31, 1987.

At closing, the Title Company shall issue to Purchaser a standard American Land Title Association Owner's Policy in an amount equal to the Purchase Price confirming such state of

title, together with such endorsements as Purchaser may reasonably require.

4.3 Deposits into Escrow.

(a) Prior to closing, Buyer shall deposit with the Title Company the following:

(i) the cash sums to be deposited by Buyer pursuant to Paragraph 2;

(ii) the amount, if any payable to Seller pursuant to Paragraph 5.3 hereof; and

(iii) the Easement Agreement described in Paragraph 10 hereafter, duly executed by Buyer;

(iv) the Memoranda of Agreement described in Paragraph 16 hereof, duly executed by Buyer; and

(v) escrow instructions to the Title Company consistent with and sufficient to implement the terms of this Agreement.

(b) Prior to closing, Seller shall deposit with the Title Company the following:

(i) a grant deed, duly executed by Seller in recordable form conveying fee title to the Property to Buyer in the form described in Paragraph 4.2 (the "Grant Deed");

(ii) an affidavit that Seller is not a "foreign person" within the meaning of Section 1445(e)(3) of the Internal Revenue Code of 1954, as amended; and

(iii) escrow instructions to the Title Company consistent with and sufficient to implement the terms of this Agreement.

4.4 Close of Escrow. Escrow shall close (the "Closing Date") on or before the earlier of July 11, 1988 and the date of closing of construction financing for Purchaser's biomass-powered small power production facility to be constructed on the Property (the "Project"). "Close of Escrow" for the purposes of this Agreement is defined as the time Seller's Grant Deed is recorded.

4.5 Failure of Escrow to Close. In the event that escrow shall fail to close on or before the Closing Date for any reason other than a default under this Agreement by one of the parties, unless Purchaser and Seller agree in writing that Close of Escrow may occur at a later date, then this Agreement shall terminate and the Title Company shall return to each party the items delivered to the Title Company by the party, and both parties shall be released from all obligations hereunder except any obligations of Purchaser under Section 8.1 shall survive the termination. Seller, however, shall be entitled to retain Purchaser's deposit.

5. Possession, Closing Costs and Prorations.

5.1 Possession. Purchaser shall be entitled to possession of the Property at the Close of Escrow.

5.2 Closing Costs. Seller shall pay documentary transfer taxes, recording fees for the Grant Deed, Easement Agreement in the form of Exhibit C and Memoranda of Agreement in the form of Exhibits E and E-1 and one-half of escrow fees. Purchaser shall pay the costs of securing the title insurance policy described above, all other recording costs and one-half of escrow fees. All other closing costs shall be divided between

Seller and Purchaser in the manner customarily used for similar transactions closing in San Joaquin County.

5.3 Proration. All non-delinquent property taxes and water district fees levied against the Property shall be prorated between Purchaser and Seller as of the Close of Escrow. Purchaser and Seller acknowledge that the property taxes are not separately assessed and agree that for the purpose of prorating such taxes pursuant to this Section, the taxes levied against the Property shall be deemed to be Twenty-Five and Six-Tenths Percent (25.6%) of all taxes allocable to the land portion (excluding improvements and personal property) of the tax parcel of which the Property is a part. The net amount due Seller from Purchaser under this Paragraph 5.3, if any, shall be delivered by Purchaser to the Title Company prior to closing. The net amount due Purchaser from Seller, if any, shall be credited to Purchaser's account at closing. After Close of Escrow property taxes shall continue to be prorated between Seller and Purchaser in the manner provided herein until Parcel A and the Remainder Parcel are separately assessed. The provisions of this Section 5.3 shall survive the Close of Escrow.

6. Conditions Precedent to Purchaser's Obligations. The obligations of Purchaser hereunder are subject to the following:

(a) Purchaser obtaining at its sole cost and expense all permits required in Purchaser's sole opinion to commence construction of the Project on the Property, on or before July 11, 1988;

(b) Purchaser obtaining financing from the California

Pollution Control Financing Authority and other firm sources of financing which is adequate in Purchaser's sole discretion to permit completion of the Project, on or before July 11, 1988; and

(c) Purchaser obtaining at its sole cost and expense a review of the environmental condition of the Property which is satisfactory to Purchaser on or before July 11, 1988.

If the foregoing conditions are not waived by Purchaser in writing or satisfied within the specified time periods, this Agreement shall terminate without any liability on the part of either party. In the event of such termination Seller shall be entitled to retain the Deposit.

7. Representations and Covenants of Seller and Purchaser.

(a) Seller covenants that after the Agreement Date it will not enter into any contracts or leases relating to the Property and which will survive the closing, without the prior written consent of Purchaser.

(b) Seller hereby represents that Seller is duly organized and existing, has the full right and authority to enter into this Agreement, to consummate the sale and transfer contemplated herein and that the person or persons signatory to this Agreement and any document executed pursuant hereto on behalf of Seller have full power and authority to bind Seller.

(c) Purchaser hereby represents that Purchaser is duly organized and existing, has the full right and authority to enter into this Agreement, to consummate the purchase and transfer contemplated herein and that the person or persons signatory to this Agreement and any document executed pursuant

hereto on behalf of Purchaser have full power and authority to bind Purchaser.

8. Condition of Property.

8.1 Right of Access. Purchaser and its agents shall have reasonable access to the Property after the Agreement Date and prior to the Closing Date for the purpose of investigating the condition of this Property and conducting tests thereon consistent with this Agreement. Promptly after receipt of the same, Purchaser agrees to deliver to Seller a copy of all information and test data developed in connection with such investigation. Purchaser shall indemnify Seller for any damages, loss, or expense Seller may suffer or incur (i) by reason of any mechanic's liens which attach to the Property as a result of such investigation and tests, and/or (ii) which arise out of damage to the Property or injury to person caused by such investigation and tests. IN NO EVENT WILL PURCHASER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. The provisions of this Paragraph 8.1 shall survive any termination of this Agreement.

8.2 Condition of Property. Purchaser acknowledges that prior to Close of Escrow it or its agents will have inspected the Property and observed the physical characteristics and condition of the Property. Purchaser further acknowledges and agrees that the Property is to be purchased, conveyed, and accepted by Purchaser in its present condition "AS IS." Except as specifically set forth herein, Purchaser acknowledges that Seller makes no representation or warranty, either express or implied, with respect to the Property, its present condition or

its fitness or suitability for any particular purpose. Purchaser confirms that it is relying solely on its investigation of the present condition of the Property and all governmental laws and ordinances which might affect its use and development. Except with respect to Seller's representations contained in Paragraph 7 and 9(a) hereof, Purchaser has not relied upon any representations concerning the Property made by Seller, Seller's employees, agents, or any other person acting on behalf of Seller.

9. Environmental Matters

(a) Seller's Representation. The Property has not been used by the Seller for the storage, handling or disposal of hazardous wastes and to the best of Seller's knowledge, except as disclosed to Purchaser in Exhibit B-1, there have been no disposals or releases of hazardous substances or hazardous wastes on, from or under the Property by or on behalf of Seller. For the purposes of this Agreement "disposal," "release," "hazardous substances" and "hazardous wastes" shall have the definitions assigned thereto by the Federal Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. Section 9601 et seq., as amended, and the California Hazardous Waste Control Law, Health and Safety Code Section 25100 et seq.

Seller represents that except as disclosed in writing to Purchaser, no filing was made under the Federal Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. Section 9601 et seq., as amended, and Seller has no information which requires such a notice to be filed.

Purchaser has had full opportunity to inspect and investigate the Property and Purchaser agrees that Seller has no duty to make any investigation as to matters represented in this Paragraph 9(a).

(b) Release. From and after the Closing, Purchaser hereby waives, releases, and forever discharges Seller, its directors, officers, shareholders, partners, employees, and agents, and their respective heirs, successors, personal representatives and assigns, from any and all suits, actions, legal or administrative proceedings, claims, demands, actual damages, fires, punitive damages, losses, costs, liabilities, interest, reasonable attorneys' fees and expenses, which Purchaser now has, or hereafter may have based upon or arising out of or in any manner connected directly or indirectly with the condition, status, quality, nature, contamination or environmental state of the Property at Closing, except to the extent any contamination has been caused by Seller's use, maintenance, ownership and operation of the Property prior to Closing or to the extent Seller has misrepresented Seller's knowledge in subparagraph (a) above.

Purchaser further waives the benefits of Section 1542 of the Civil Code of the State of California, which provides as follows:

> "A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor."

(c) Indemnity. To the maximum extent permitted by

law Purchaser shall indemnify, defend and hold harmless Seller, its directors, officers, shareholders, partners, employees and agents, and their respective heirs, successors, personal representatives and assigns (hereinafter collectively, "Seller's Indemnified Parties") from and against any and all suits, actions, legal or administrative proceedings, claims, demands, actual damages, fines, punitive damages, losses, costs, liabilities, interest, reasonable attorneys' fees (including any such fees and expenses incurred in enforcing this indemnity)(hereafter collectively, "Damages") resulting from, arising out of or in any way connected with injury to or the death of any person (including, without limitation, any of Seller's Indemnified Parties) or physical damage to property of any kind wherever located and by whomever owned (including, without limitation, that of any of Seller's Indemnified Parties) arising out of or in any way connected with Purchaser's ownership or use of the Property or its physical or environmental condition, except to the extent any Damages have been caused by Seller's use, maintenance, ownership and operation of the Property prior to Closing or to the extent Seller has misrepresented Seller's knowledge of the physical or environmental condition of the Property in subparagraph (a) above.

To the maximum extent permitted by law Seller shall indemnify, defend and hold harmless Purchaser, its directors, officers, shareholders, partners, employees and agents, and their respective heirs, successors, personal representatives and

assigns (hereinafter collectively "Purchaser's Indemnified Parties") from and against any and all suits, actions, legal or administrative proceedings, claims, demands, actual damages, fines, punitive damages, losses, costs, liabilities, interest, reasonable attorneys' fees (including any such fees and expenses incurred in enforcing this indemnity) resulting from, arising out of or in any way connected with injury to or the death of any person (including, without limitation, any of Purchaser's Indemnified Parties) or physical damage to property of any kind wherever located and by whomever owned (including, without limitation, that of any of Purchaser's Indemnified Parties) arising out of or in any way connected with Seller's ownership or use of the Property or its physical or environmental condition to the extent that Seller has misrepresented Seller's knowledge of such physical or environmental condition in subparagraph (a) above.

10. Easement Agreements. At Closing Purchaser shall grant to Seller an easement permitting Seller to use the drainage basin presently located on the Property for the collection of rainwater drainage and storm run-off from the property adjacent to the Property and described on the Parcel Map as the "Unsurveyed Remainder". The easement agreement ("Easement Agreement") shall in the form of Exhibit C. Seller further agrees to use reasonable efforts to obtain for Purchaser a nonexclusive easement from Seller and Nutting/Rice Partnership V (the "Partnership") for an underground pipeline to transport water across the Unsurveyed Remainder to the Property. The grant of

easement shall be in a form mutually acceptable to Seller, Purchaser and the Partnership. The easement shall be in substantially the same location as the easement described as Exception No. 4 in the Title Report. Any costs of a survey or other work required to prepare a legal description to fix the exact location of the easement area shall be borne by Purchaser.

11. Repurchase Option. In addition to any other right or remedy available to Seller, Seller upon sixty (60) days notice to Purchaser shall have a right to repurchase the Property for an amount equal to the Purchase Price, free and clear of all matters except those described on the attached Title Report and the Easement Agreement, upon the occurrence of a termination by Seller of the Agreement for Purchase and Sale of Electricity dated as of October 27, 1987, (the "Power Sales Agreement") a copy of which is attached hereto as Exhibit D, pursuant to Section 14.02 of the Power Sales Agreement.

Seller hereby agrees that any lender or other person or entity providing financing to Purchaser secured by the Project shall have a period of thirty (30) days after Purchaser's default under the Power Sales Agreement to cure any condition precedent to Seller's repurchase right under said agreement.

Escrow shall close within thirty (30) days after Seller's notice of repurchase is given. Purchaser shall pay all closing costs, including, without limitation, title insurance in the amount of the Purchase Price and escrow fees, in connection with the sale. In the event Seller exercises its right to repurchase the Property pursuant to this Paragraph, Purchaser shall

substantially restore the Property at Purchaser's sole cost and expense to its condition on the Closing Date. In the event of any conflict between the provisions of this Paragraph and the provisions of Section 14.02 of Power Sales Agreement, this Paragraph shall control.

12. Default. If Purchaser is in default, Seller may treat this Agreement as terminated, in which case the Deposit shall be forfeited by Purchaser and Seller may recover such damages as may be proper, reduced by the amount of the Deposit. If Seller is in default, Purchaser may elect to treat this Agreement as terminated or as being in full force and effect and Purchaser shall have the right to an action for specific performance or damages or both. IN NO EVENT, HOWEVER, SHALL EITHER PARTY BY LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ITS DEFAULT OF THIS AGREEMENT.

13. Notices. All notices and demands shall be given in writing or by certified mail, postage prepaid and return receipt requested, or by Federal Express, Express mail, or any other commercial delivery service which guarantees overnight delivery (an "Overnight Service"). Notices shall be considered given when served or when deposited in the United States mail or when deposited with an Overnight Service marked for overnight delivery. Notices shall be addressed as appears below for the respective parties, provided that if any party gives notice of a change in name or address, notices to the giver of the notice of changed name and address shall thereafter be given as demanded in that notice:

Seller: Owens-Illinois Glass Container, Inc.
One SeaGate
Toledo, Ohio 43666

Attention: George A. Pavuk
Manager GC Real Estate

Copy to: Mary Lu Everett, Esq.
Marron, Reid & Sheehy
The International Building
601 California Street, Suite 1200
San Francisco, California 94108-2896

Purchaser: Thermal Energy Development Partnership, L.P.
c/o Community Energy Alternatives Incorporated
1200 East Ridgewood Avenue
Ridgewood, New Jersey 07450

Copy to: William Powers, Esq.
Harbert International, Inc.
One Riverchase Parkway South
Birmingham, Alabama 35244

14. Attorneys' Fees. If either party institutes an action to enforce its rights under this Agreement, the losing party shall pay to the prevailing party the attorneys' fees and costs incurred by the prevailing party in such action.

15. Assignment; Binding on Heirs. This Agreement may be assigned by Seller but shall not be assigned by Purchaser without Seller's written consent. After Close of Escrow, Purchaser may collaterally assign this Agreement to any lender or other person or entity providing the construction or permanent financing for the Project, without Seller's consent. No assignment pursuant to this Paragraph 14 shall release the assigning party from its indemnity obligations hereunder. This Agreement shall bind and inure to the benefit of Seller's successors and assigns and the successors of Purchaser and its permitted assigns.

16. Memorandum of Agreement. At the Close of Escrow the parties shall record Memoranda of this Agreement and the Power

Sales Agreement in the form of Exhibits E and E-1, respectively to confirm the indemnity obligations under Paragraph 9(c) and the Indemnification Agreement dated as of October 27, 1987, a copy of which is attached hereto as Exhibit F and Seller's option to repurchase the Property pursuant to the Power Sales Agreement as described in Paragraph 11 herein.

17. Broker's Commission. Purchaser and Seller each covenant to the other that they have not entered into any agreement or incurred any obligation which might result in the obligation of the other party to pay a sales or brokerage commission or finder's fee on this transaction to any party or company other than an obligation of Seller to pay a commission to McMasters & Westland, Grupe Business Park, 134 Frank West Circle, Stockton, CA 95206 (the "Broker"). Each agrees to indemnify and hold the other harmless from liability for commissions to any other broker with whom the indemnifying party has dealt. If escrow does not close for any reason, no commission shall be due and payable.

18. Mutual Cooperation. The parties hereto hereby agree to cooperate with each other in any and all matters necessary to effectuate the provisions of this Agreement, including but not limited to executing any and all reasonable documents as may be required to close escrow.

19. Miscellaneous.

A. This Agreement is made in the State of California and its validity, construction, and all rights under its shall be governed by California law.

B. This Agreement supersedes the Option to Purchase Real Property Agreement between the parties dated July 31, 1987 and is intended to be the "Land Sales Agreement" referred to therein.

C. Any amendments to this Agreement shall be in writing and signed by all parties hereto.

D. This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but such counterparts when taken together shall constitute but one agreement.

E. The paragraph headings throughout this Agreement are for convenience and reference only and the words contained herein shall not be held to expand, modify, amplify, or aid in the interpretation, construction, or meaning of this Agreement.

F. TIME IS OF THE ESSENCE OF THIS AGREEMENT.

G. Except as otherwise provided herein, the representations and indemnification provisions contained in this Agreement shall survive the Close of Escrow and sale and shall not be deemed merged in the Grant Deed to be delivered by Seller to Purchaser pursuant hereto, but shall remain in full force and effect.

H. If any provision of this Agreement or the application thereof to any person or in any circumstance shall be invalid or unenforceable to any extent, the remainder of this Agreement and the application of such provision to other persons or in other circumstances shall not be affected thereby and shall be enforced to the greatest extent permitted by law.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the latest date set forth below (the "Agreement Date").

Dated: May 4, 1988

SELLER:

OWENS-ILLINOIS GLASS CONTAINER, INC.

By: John T. Hodges

Its: Vice President

PURCHASER:

THERMAL ENERGY DEVELOPMENT PARTNERSHIP, L.P.

Dated: April 29, 1988

By: CEA Tracy, Inc., General Partner

By: [illegible]

Its: Vice President

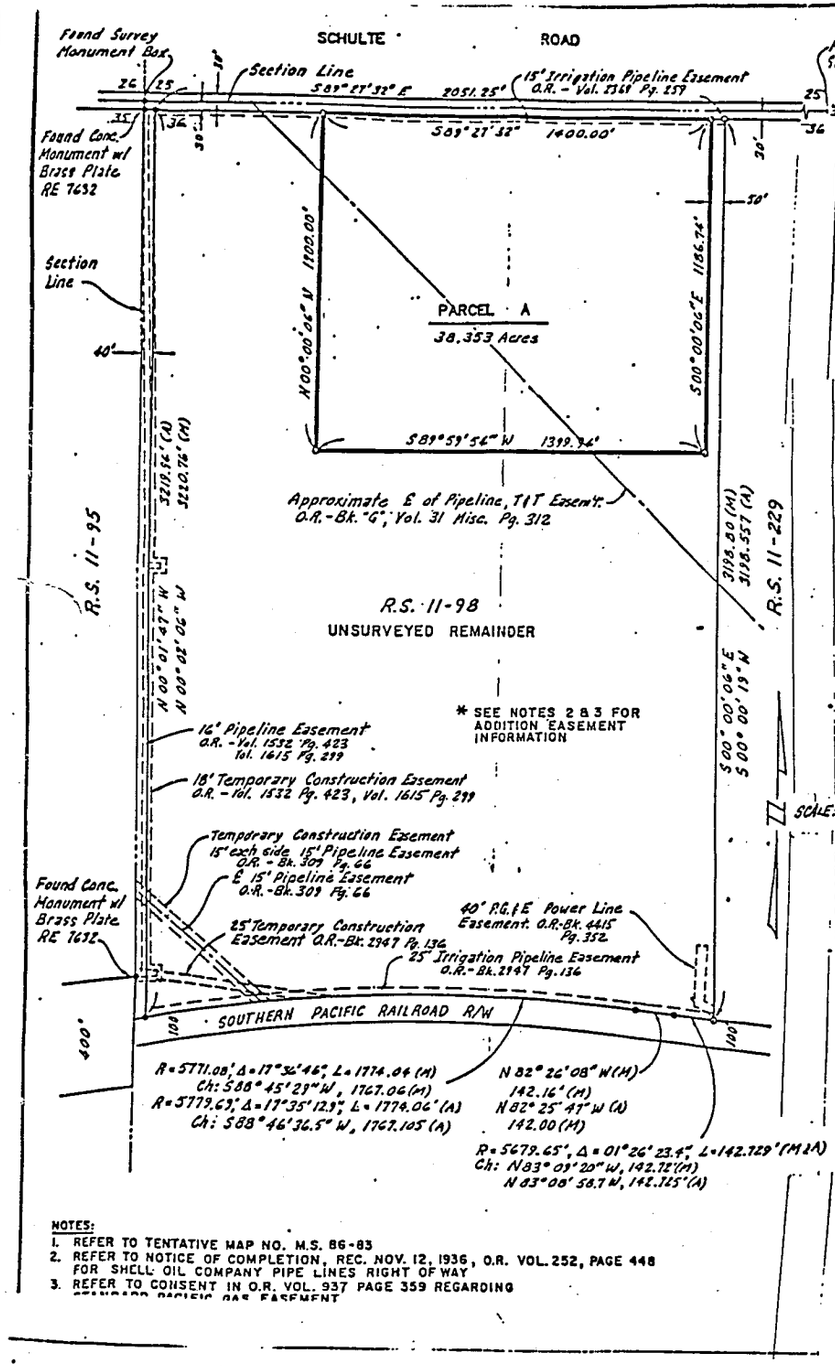
Dated: MAY 2, 1988

By: Harbert Tracy, L.P., General Partner

By: Harbert Tracy, Inc., General Partner

By: [illegible]

Its: V.P.



NOTES:
1. REFER TO TENTATIVE MAP NO. M.S. 86-83
2. REFER TO NOTICE OF COMPLETION, REC. NOV. 12, 1936, O.R. VOL. 252, PAGE 448 FOR SHELL OIL COMPANY PIPE LINES RIGHT OF WAY
3. REFER TO CONSENT IN O.R. VOL. 937 PAGE 359 REGARDING STANDARD PACIFIC GAS EASEMENT

BASIS OF BEARING: THE NORTH LINE OF SECTION 36, T.2S., R4E., WHICH BEARS S 89° 27' 32" E PER F.S. 11-98.

MONUMENTS SET:
IRON PINS, 3/4" IN DIAMETER, 30" LONG WITH BRASS TAG ATTACHED AND STAMPED THUS: ——•——

MONUMENTS FOUND:
COPPER PIN TAGGED R.E. 4649 IN 6" DIAMETER CONCRETE MONUMENT PER F.S. 11-98 SHOWN THUS ——•——, UNLESS OTHERWISE NOTED.

OWNER'S CERTIFICATE:
WE DO HEREBY CERTIFY THAT WE ARE THE OWNERS OF, OR HAVE SOME RIGHT TO, TITLE OR INTEREST OF RECORD IN THE LANDS SHOWN ON THIS MAP AND DO HEREBY CONSENT TO THE PREPARATION AND RECORDING OF THIS MAP.

OWENS-ILLINOIS GLASS CONTAINER INC., A DELAWARE CORPORATION.

DATED: Oct. 28, 1987

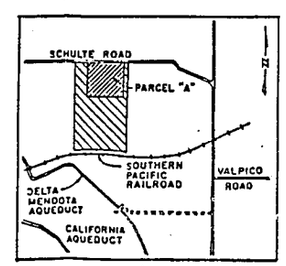
BY Thomas J. Young AND Robert E. James

STATE OF OHIO,
COUNTY OF Lucas
ON THIS 28th DAY OF October, IN THE YEAR 1987,
BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR THE STATE OF OHIO, PERSONALLY APPEARED Thomas J. Young AND Robert E. James PERSONALLY KNOWN TO ME (OR PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE) TO BE THE PERSONS WHO EXECUTED THE WITHIN INSTRUMENT AS Vice President AND Assistant Secretary, RESPECTIVELY, ON BEHALF OF THE CORPORATION THEREIN NAMED, AND ACKNOWLEDGED TO ME THAT THE CORPORATION EXECUTED IT.

WITNESS MY HAND AND OFFICIAL SEAL.

Joann Dannibale
NOTARY PUBLIC IN AND FOR THE STATE OF OHIO
My Commission expires August 9, 1990

LEGEND:
R.S. DENOTES RECORD OF SURVEY BOOK AND PAGE
O.R. DENOTES OFFICIAL RECORDS OF SAN JOAQUIN COUNTY
(A) DENOTES RECORD DATA FROM R.S. 11-98
(R) DENOTES RADIAL LINE BEARING
(M) DENOTES MEASURED DISTANCE
S.F.N. SEARCHED FOUND NOTHING



VICINITY MAP
NO SCALE

PARCEL MAP

BEING A PORTION OF

THE WEST 1/2 OF SECTION 36
T. 2 S., R. 4 E., M. D. B. & M.

SAN JOAQUIN COUNTY, CALIFORNIA

R.W. SIEGFRIED & ASSOCIATES — CIVIL ENGINEERS
STOCKTON, CALIFORNIA — JUNE 1987

ENGINEER'S CERTIFICATE:
THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF THERMAL ENERGY DEVELOPMENT CORPORATION IN APRIL, 1987. I HEREBY STATE THIS PARCEL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP. ALL MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED THIS 15th DAY OF JULY, 1987.

Robert W. Siegfried
ROBERT W. SIEGFRIED, REGISTERED CIVIL ENGINEER NO. 8189, WHICH EXPIRES 9-30-88

COUNTY SURVEYOR'S CERTIFICATE:
THIS MAP CONFORMS WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE, AND I ALSO CERTIFY THAT THE CERTIFICATION FROM THE TREASURER-TAX COLLECTOR AND SECURITIES, IF ANY, AS REQUIRED BY THE SUBDIVISION MAP ACT, HAVE BEEN FILED WITH THE CLERK OF THE BOARD OF SUPERVISORS

DATED THIS _____ DAY OF _____, 1987.

HENRY M. HIRATA, SAN JOAQUIN COUNTY SURVEYOR

PLANNING DIRECTOR'S CERTIFICATE:
THIS MAP CONFORMS TO THE APPROVED GENERAL PLAN.

DATED THIS _____ DAY OF _____, 1987.

SAN JOAQUIN COUNTY PLANNING DIRECTOR

RECORDER'S CERTIFICATE:
FILED THIS _____ DAY OF _____, 1987, AT _____ M.
IN BOOK _____ OF PARCEL MAPS, AT PAGE _____, SAN JOAQUIN COUNTY RECORDS AT THE REQUEST OF ROBERT W. SIEGFRIED.
FEE $ _____

_____ BY _____
COUNTY RECORDER — DEPUTY RECORDER

EXHIBIT A

#5467

PRELIMINARY REPORT

YOUR ESCROW OFFICER IS: SUE ARMSTRONG-MOORE
345 N. El Dorado St., Stockton, CA 95202
(209) 948-2732

Our No. : 0272010 0000-1st Amend

BUYER(S): THERMAL ENERGY DEVELOPMENT PARTNERSHIP, L.P.
ASSESSORS PROPERTY ADDRESS
14700 W. Schulte Road
Tracy, CA

In response to the above referenced application for a Policy of Title Insurance, TICOR TITLE INSURANCE COMPANY OF CALIFORNIA hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage of said Policy or Policies are set forth on the attached cover. Copies of the Policy forms should be read. They are available from the office which issued this report.

This report (and any supplements or amendments thereto) is issued solely for the purpose of facilitating the issuance of a Policy of Title Insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a Policy of Title Insurance, a Binder or Commitment should be requested.

Dated as of February 10, 1988 at 7:30 a.m.
TITLE OFFICER: CHARLES L. SPURGEON

The form of Policy of Title Insurance contemplated by this Report is:
_ ALTA Residential Title Insurance Policy - 1979
X ALTA Loan Policy - 1970 with ALTA Endorsement Form 1 Coverage (Amended 10-17-70)
X_ CLTA Standard Coverage Policy - 1973 (Amended 12-6-85 and 2-20-86)
_ ALTA Owner's Policy Form B - 1970 (Amended 10-17-70)

The estate or interest in the land hereinafter described or referred to covered by this Report is a fee.

Title to said estate or interest at the date hereof is vested in:

OWENS-ILLINOIS GLASS CONTAINER INC., a Delaware corporation

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions contained in said Policy Form would be as follows:

EXHIBIT B

1. The lien of supplemental taxes, if any, assessed pursuant to the provisions of Chapter 3.5 (commencing with Section 75) of the Revenue and Taxation Code of the State of California, and as amended.

2. PLAIN VIEW WATER DISTRICT. A report concerning the same has been ordered.

3. EASEMENTS for road purposes over any portion of said land, as now established, lying within the lines of Schulte Road.

4. EASEMENT affecting the portion of said land and for the purposes stated herein and incidental purposes

In favor of	:	GABRIEL MOITOSO, F. LLOYD HUGHES and GWENDOLYN STEINDORF, a partnership
For	:	Non-exclusive right of way or easement over and under a strip of land 15 feet wide, for the purpose of constructing, reconstructing, operating, maintaining, and removing therefrom a pipe line for drainage purposes.
Recorded	:	January 3, 1961 IN VOL. 2369 PAGE 259 OFFICIAL RECORDS
Affects	:	The Northerly Boundary

5. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or by making inquiry of persons in possession thereof.

6. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, an which are not shown by the public records.

7. Any water rights, claims or title to water whether or not shown by the public record.

NOTE: Title of the vestee herein was acquired by deed recorded prior to six months from date of this report.

NOTE: On or after July 1, 1985, The County Recorder's Office will charge, in addition to the regular recording charges, an extra $20.00 recording fee, unless a document evidencing a change of ownership is accompanied by a preliminary change of ownership report. In lieu of said report, signed by the transferee, the recorder will accept an affidavit that the transferee is not a resident of California. Title billings will be adjusted to reflect such additional fees when applicable.

NOTE: We find no judgments against THERMAL ENERGY DEVELOPMENT PARTNERSHIP, L.P. , the prospective purchaser(s).

NOTE: We are unable to determine the status with the Secretary of State on the Vestee herein. Conformation prior to the execution of any instruments, etc., will be required.

NOTE: The prospective purchaser Thermal Energy Development Partnership, L.P., a Delaware Limited Partnership, filed with the Secretary of State on January 7, 1988. The General Partners are CEA TRACY, INC., and HERBERT TRACY L.P.

NOTE: GENERAL AND SPECIAL COUNTY TAXES for the fiscal year 1987-88:
1st Installment: $228,790.26 Paid
2nd Installment: $228,790.26 Paid
Code Area No.: 092-004 Parcel No.: 209-240-02

Land	:	$376,704.00
Improvements	:	$35,070,802.00
Personal Prpty.	:	$8,753,066.00
Exemptions	:	None
Affects	:	This and other property

D E S C R I P T I O N

That certain real property situated in the County of San Joaquin, State of California, described as follows:

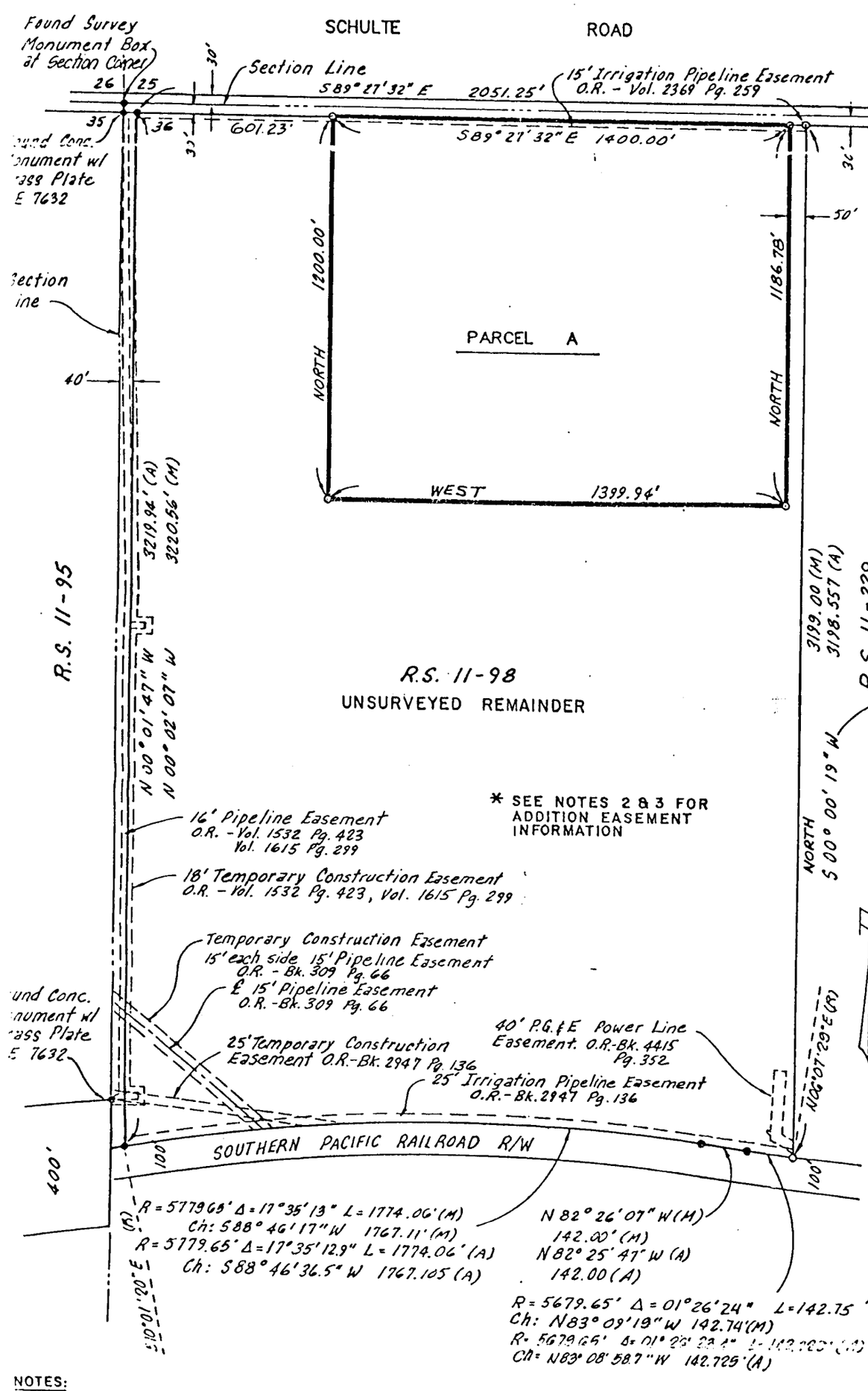
A portion of the Western half of Section thirty-six (36), Township two (2) South, Range four (4) East, Mount Diablo Base and Meridian, according to the Official Plat thereof, situated in the County of San Joaquin, State of California, described as follows:

Parcel A as shown upon that certain Map filed for record February 10, 1988, in Book 15 of Parcel Maps, page 118, San Joaquin County Records.

TOGETHER with a non-exclusive easement over and under the certain strip of land 15 feet wide situated, lying and being in the County of San Joaquin, State of California, and more particularly described as follows:

COMMENCING at the Northwest corner of Section thirty-six (36), Township two (2) South, Range four (4) East, Mount Diablo Base and Meridian; running thence South 89 degrees 27' 32" East, a distance of 2051.25 feet; running thence South 0 degrees 00' 19" West, a distance of 45.0 feet to point of beginning; thence South 89 degrees 27'32" East, a distance of 1661.69 feet; thence North 57 degrees 56'32" East, a distance of 27.54 feet to the Southerly line of Schulte Road; thence along said line South 89 degrees 27'32" East, a distance of 27.54 feet; thence South 27 degrees 56'32" West, 55.08 feet; thence North 89 degrees 27'32" West, a distance of 1665.99 feet; thence North 0 degrees 00'19" East, a distance of 15.00 feet to point of beginning.

DS/prh/LRD/gm
Short term rate not applicable



NOTES:

1. REFER TO TENTATIVE MAP NO. M.S. 86-83
2. REFER TO NOTICE OF COMPLETION, REC. NOV. 12, 1936, O.R. VOL. 252, PAGE 448 FOR SHELL OIL COMPANY PIPE LINES RIGHT OF WAY
3. REFER TO CONSENT IN O.R. VOL. 937 PAGE 359 REGARDING STANDARD PACIFIC GAS EASEMENT
4. (R) denotes Radial Bearing Line.

OWENS-ILLINOIS

March 22, 1983

Ms. Paula Bisson
Regional Administrator
U.S. EPA Region #9
215 Fremont Street
San Francisco, California 94105

Dear Ms. Bisson:

In response to requests for information and reports concerning a recent spill at this facility, please accept the following summary of the incident.

At approximately 1:00 p.m. on Friday, March 18, 1983, a truck containing 4000 gallons of liquid sodium hydroxide (50%) was in the process of unloading at the Tracy Plant of Owens-Illinois, Inc., located at 14700 West Schulte Road, Tracy, California. The chemical was supplied by P.P.G. Industries, P.O. Box 39197, San Franciso, California 94110. It was delivered by Mike Cecchett of Cal Tank Lines (800) 692-3710 on B/L #888932-9.

In the process of unloading the material, 3000 gallons of this material escaped through a hose to the ground area at the rail unloading pit. The truck driver was not immediately aware of the problem as he was in the cab of his truck.

Between 1:00 p.m. and 2:30 p.m. efforts to contain the materials by putting sand onto the surface of the sodium hydroxide and ahead of the flow were made. A significant quantity of material was controlled in this manner.

At 2:45 p.m., tests were made at the points where storm water run-off enters the plant containment pond. (This run-off was due to the unusually heavy amounts of rainfall experienced this year, in general; and to the heavy down-pour which took place on March 17, 1983, in particular). Due to these heavy rains, run-off could not enter the containment pond which was already full and instead entered an irrigation ditch and then flowed to an irrigation pond (still on plant property). At 3:10 p.m., test results of water - showed the water to be at a ph of 12.

At 3:20 p.m. a call was placed to the State Department of Health Service, Hazardous Materials Management Section, (916) 323-6043, to report the incident.

EXHIBIT B-1

P.O. Box 30 Tracy California 95376 (209) 835-5701

At 3:40 p.m. a call was placed to the National Response Center, (800)424-8802. The call and all report information was taken by Lt. Gass. He said that he, in turn, would report the spill to EPA Region #9. He advised that I call Chemtrack, (800)424-9300, for information on how to deal with attempts to buffer the caustic.

Also, at 3:40 p.m. test results of all waters surrounding the plant indicated a ph of 7.

At 3:55 p.m. a call was placed to Chemtrack and was taken by Mr. Gene Wilson, who in turn referred me to Mr. Morris Runsberg of Dow Chemical, (517)636-4400.

At 4:00 p.m., Mr. John King of EPA, Region #9 called requesting information concerning the incident. He had been called by the National Response Center.

Shortly after 4:00 p.m., we attempted to get information regarding the outfall of a standpipe located in the irrigation pond.

At 4:05 p.m. Mr. Mohinder Sandhu of the State Health Department called to advise that we should buffer the caustic by the use of sulfuric acid.

At 4:16 p.m. the standpipe plug was inserted as a precaution to contain liquids accumulating in the pond.

At 4:45 p.m. additional testing of waters surrounding the plant showed no trace of the caustic.

At 5:05 p.m. Mr. Jack Delconte of the Central Valley Water Quality Control Board called. He was briefed as to the status of the spill.

At 5:05 p.m. confirmation of the fact that Chemical Waste Management, Inc. was enroute was obtained with anticipated arrival at 8:00 p.m.

At 6:00 p.m. information regarding the outfall of water from the standpipe was obtained. It was found that due to a less than perfect fit on the standpipe plug, a trickle of water was being discharged into the Westside Canal. A ph test of this outfall had a ph of 11, but water in the canal at a radius of 2 feet from point of entry had a ph of 7.

Additional calls were received from Mr. Ron Baldwin of the County Office of Emergency Services offering assistance and from Mr. Mervin Hel of the Department of Fish and Game.

At 7:20 p.m., representatives of the EPA, Region #9 arrived at the plant to monitor and assist the clean-up effort.

At about 9:00 p.m., Chemical Waste Management arrived at the plant. The clean-up effort proceeded in three directions; removal of caustics in liquid state, neutralization of effected areas, and removal of contaminated solids.

During the first hours of the clean-up, between 8:45 p.m. on 3-18-83 and 8:15 a.m. on 3-19-83, a total of 20,000 gallons of caustic laden water were pumped from the ditch and irrigation pond into Chemical Waste Management tankers for delivery to their Kettleman Hills Disposal site. In addition, on 3-19-83, 16 cubic yards of solids (sand) contaminated with caustic was removed for disposal to the same site by dump truck.

During the early hours of 3-19-83, approximately 50 gallons of dilute hydrochloric acid was added to various positions along the ditch in an attempt to buffer or neutralize the caustic with minimal success. Readings of ph showed little lasting effect. Beginning at 10:00 a.m. on 3-19-83, more concentrated sulfuric acid was introduced into the water stream at a point 250 feet downstream of the spill point. This had an immediate and lasting effect. Not only were ditch and pond waters neutralized to a ph of 8, but silts adjacent and beneath the water were neutralized as well. About 95 gallons of sulfuric acid were used.

The only remaining problem area was that in the immediate vicinity of the spill and to a point 250 feet downstream. Water had been dammed or trapped in this area in an attempt to contain the spill initially. The first step was to remove all liquids. On 3-20-83, 5000 gallons of caustic contaminated liquid were removed. Then, a backhoe was brought in. Surface materials were removed on 3-21-83 and 3-22-83 for disposal to the Kettleman Hills Disposal site. A total of 59 cubic yards of contaminated solids were removed in this manner. Attached, please find copies of all shipping manifests.

Because part of the contaminated area involved a rail track where soils could not be removed, and because caustic had remained on certain areas longer than others, we took the added precaution on the advise of Nancy Hendrickson of the EPA of spreading a thin layer of sodium bisulfate over these areas to buffer any remaining residual caustics. A total of 2400 pounds of sodium bisulfate was used. We continue to monitor ph levels. The clean-up was completed at 2:15 p.m. on Tuesday, March 22, 1983.

To avoid future related incidents we will unload all caustic at a point immediately adjacent to and on the same level as the tank to which the caustic is being pumped. Tank truck drivers and suppliers will be warned concerning the absolute necessity of maintaining a constant watch on the transfer and we will monitor this action to ensure compliance.

It is our belief that the spill created no actual hazard to human health or the environment, and that the potential hazard was minimized due to our ability to contain the caustic material. All hazard has been negated by the sum total of prompt actions taken to remedy the spill.

We would like to express our appreciation to representatives of the various agencies with whom we worked for their assistance and especially for their cooperative attitudes with regard to this incident.

Sincerely,

E. F. Valis,
Plant Engineer

G. A. Bidlack
Plant Manager

cc: Mr. Ronald E. Baldwin
San Joaquin County
Office of Emergency Services
222 East Weber Avenue
Courthouse - Room 401
Stockton, California 95202

Ms. Nancy Hendrickson
R. F. Weston, Inc.
Spill Prevention & Emergency
Response Division
Suite 506
153 Kearney Street
San Francisco, California 94108

Mr. Robert Fujii
Central Valley Region
Water Quality Control Board
3201 "S" Street
Sacramento, California 95816

Mr. Michael Huggins
Environmental Health Division
San Joaquin Local Health District
205 West Ninth Street
Tracy, California 95376

Mr. Mervin Hee
California Dept. of Fish & Game
1701 Nimbus Road
Rancho Cordova, California 95670

ASTE MANAGEMENT BRANCH UNIFORM HAZARDOUS WASTE MANIFEST

95814

PO 2]29T

STATE ID NUMBER 8 3070672

e with ELITE type (12 characters per inch).

ERATOR NAME AND MAILING ADDRESS OWENS-ILLINOIS, INC 14700 WEST SCHULTE ROAD TRACY, CALIF 95376 A CODE/PHONE NUMBER 209-835-5701	MANIFEST DOCUMENT NUMBER EPA ID NUMBER C A D 000146929 669-2
NSPORTER NO. 1 CHEMICAL WASTE MANAGEMENT 430 west elm COALINGA, CALIF	VEH./CONTAINER NO 14132402 EPA ID NUMBER CAD003986718
NSPORTER NO. 2/ALTERNATE TSD FACILITY	VEH./CONTAINER NO. EPA ID NUMBER
ATMENT, STORAGE, OR DISPOSAL (TSD) FACILITY KETTLEMAN HILL DISPOSAL KETTLEMAN CITY, CA EA CODE/PHONE NUMBER 209-935-2043	EPA ID NUMBER CAT000646117

PROPER U.S. D.O.T. SHIPPING NAME AND HAZARD CLASS	UN/NA NUMBER	TOTAL QUANTITY	UNIT WT/VOL	CONTAINER NO.	CONTAINER TYPE	WASTE CAT NO.	DISP. METH.
SODIUM HYDROXIDE	UN1824	05000	G	001	CT	1220	04

COMPONENTS	CONC. RANGE UPPER	CONC. RANGE LOWER	UNITS %	UNITS PPM
CAUSTIC SODA 50% SOLUTION, WATER				

CIAL HANDLING INSTRUCTIONS

is to certify that the above-named wastes are properly classified, described, packaged, marked and labeled, and are roper condition for transportation according to the applicable requirements of the Department of Transportation the EPA.

ted or typed full name and signature DAN MC KENZIE Dan McKenzie

MO. 03 DAY 18 YR. 83

Check if continuation sheet is used. Number of continuation sheets

ANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

CHEMICAL WASTE MANAGEMENT Elliot Adrian Horn

ted or typed full name and signature ✓

DATE REC'D & ACCEPTED MO. 03 DAY 18 YR. 83

ANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

ted or typed full name and signature

DATE REC'D & ACCEPTED MO. DAY YR.

CREPANCY INDICATION SPACE

lity owner or operator: Certification of receipt of hazardous waste covered by this manifest except as noted he discrepancy indication space above. Note: TSDF must complete waste ber. See instructions.

EPA ID NUMBER

DATE RECEIVED & ACCEPTED MO. DAY YR.

ted or typed full name and signature

022A 11/82

GENERATOR SENDS THIS COPY TO DOHS

WASTE MANAGEMENT BRANCH

A 95814

UNIFO[illegible] HAZARDOUS WASTE MANIFEST

P. O. # 2129 T

STATE ID NUMBER 83070679

type with ELITE type (12 characters per inch)

GENERATOR NAME AND MAILING ADDRESS

OWENS- ILLINOIS, INC.
14700 WEST SCHULTE ROAD
TRACY, CALIFORNIA 95376

AREA CODE-PHONE NUMBER: 209-835-5701

MANIFEST DOCUMENT NUMBER

EPA ID NUMBER: CAD0014692 9 669-2

TRANSPORTER NO. 1

CHEMICAL WASTE MANAGEMENT
430 WEST ELM
COALINGA, CALIFORNIA

VEH./CONTAINER NO.: 1424

EPA ID NUMBER: CAD003986718

TRANSPORTER NO. 2/ALTERNATE TSD FACILITY

VEH./CONTAINER NO.:

EPA ID NUMBER:

TREATMENT, STORAGE, OR DISPOSAL (TSD) FACILITY

KETTLEMAN HILLS DISPOSAL
KETTLEMAN CITY, CALIF

AREA CODE/PHONE NUMBER: 209-935-2043

EPA ID NUMBER: CAT000646117

PROPER U.S. D.O.T. SHIPPING NAME AND HAZARD CLASS	UN/NA NUMBER	TOTAL QUANTITY	UNIT WT/VOL	CONTAINER NO.	CONTAINER TYPE	WASTE CAT NO.	DISP. METH.
SODIUM HYDROXIDE	UN1824	05000	G	001	CT	12200n4	

COMPONENTS	CONC. RANGE UPPER	CONC. RANGE LOWER	UNITS %	UNITS PPM
CUASTIC SODA, 50% SOLUTION, WATER				

SPECIAL HANDLING INSTRUCTIONS

This is to certify that the above-named wastes are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable requirements of the Department of Transportation and the EPA.

MO. 8 3 DAY 1-9 YR. 8 3

E.F.VALIS E.F. Valis

Printed or typed full name and signature

☐ Check if continuation sheet is used. Number of continuation sheets

TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

CHEMICAL WASTE MANAGEMENT Dewey Edwards - Dewey Edwards

DATE REC'D & ACCEPTED MO. 3 DAY 19 YR. 83

Printed or typed full name and signature

TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

DATE REC'D & ACCEPTED MO. DAY YR.

Printed or typed full name and signature

DISCREPANCY INDICATION SPACE

Facility owner or operator: Certification of receipt of hazardous waste covered by this manifest except as noted in the discrepancy indication space above. Note: TSDF must complete waste number. See instructions.

EPA ID NUMBER

DATE RECEIVED & ACCEPTED MO. DAY YR.

Printed or typed full name and signature

S-8224 11/82

GENERATOR SENDS THIS COPY TO DOHS

...Health and Welfare Agency
...ASTE MANAGEMENT BRANCH

UNIFORM HAZARDOUS WASTE MANIFEST

P.O. # 2129 T

95814

STATE ID NUMBER 8 3070678

...e with ELITE type (12 characters per inch).

...ERATOR NAME AND MAILING ADDRESS ...ENS-ILLINOIS , INC. ...700 WEST SCHULTE ROAD ...ACY, CALIF ~~XXXXX~~ 95376 ...A CODE/PHONE NUMBER 209-835-5701	MANIFEST DOCUMENT NUMBER EPA ID NUMBER CAD 0 0 0 1 4 6 9 2 9 6 6 9 - 2
...NSPORTER NO. 1 ...HEMICAL WASTE MANAGEMENT ...30 WEST ELM ...COALINGA, CALIF	VEH./CONTAINER NO. 1 4 2 5 2 4 1 8 EPA ID NUMBER CAD 0 0 3 9 8 6 7 1 8
...NSPORTER NO. 2/ALTERNATE TSD FACILITY	VEH./CONTAINER NO. EPA ID NUMBER
...ATMENT, STORAGE, OR DISPOSAL (TSD) FACILITY ...ETTLEMAN HILLS DISPOSAL ...ETTLEMAN CITY, CALIF ...EA CODE/PHONE NUMBER 209-935-2043	EPA ID NUMBER CAT 0 0 0 6 4 6 1 1 7

PROPER U.S. D.O.T. SHIPPING NAME AND HAZARD CLASS	UN/NA NUMBER	TOTAL QUANTITY	UNIT WT/VOL	CONTAINER NO.	CONTAINER TYPE	WASTE CAT NO.	DISP. METH.
...DIUM HYDROXIDE	UN1824	05000	G	001	CT	1220	0n4

COMPONENTS	CONC. RANGE UPPER	CONC. RANGE LOWER	UNITS %	UNITS PPM
...ustic Soda 50 % SOLUTION, WATER				

...ECIAL HANDLING INSTRUCTIONS

...s is to certify that the above-named wastes are properly classified, described, packaged, marked and labeled, and are ...proper condition for transportation according to the applicable requirements of the Department of Transportation ...d the EPA.

...nted or typed full name and signature E. F. VALIS E. F. Valis

MO. 03 DAY 19 YR. 83

Check if continuation sheet is used. Number of continuation sheets

...RANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES
CHEMICAL WASTE MANAGEMENT

...nted or typed full name and signature JACK LAUER Jack Lauer

DATE REC'D & ACCEPTED MO. 03 DAY 19 YR. 83

...RANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

...nted or typed full name and signature

DATE REC'D & ACCEPTED MO. DAY YR.

...SCREPANCY INDICATION SPACE

...cility owner or operator: Certification of receipt of hazardous waste covered by this manifest except as noted ...the discrepancy indication space above. Note: TSDF must complete waste ...mber. See instructions.

EPA ID NUMBER

DATE RECEIVED & ACCEPTED MO. DAY YR.

...nted or typed full name and signature

...STATE 2 SENDS THIS COPY TO DOUS

WASTE MANAGEMENT BRANCH

95814

UNIFORM HAZARDOUS WASTE MANIFEST

P. O. # 2129 T

STATE ID NUMBER 83070680

pe with ELITE type (12 characters per inch).

ERATOR NAME AND MAILING ADDRESS

WENS- ILLINOIS, INC
4700 WEST XCHULTE ROAD
RACY, CALIFORNIA 95376

EA CODE/PHONE NUMBER 209-835-5701

MANIFEST DOCUMENT NUMBER

EPA ID NUMBER

CAD000146929 669-2

ANSPORTER NO. 1

HEMICAL WASTE MANAGEMENT
#7 430 WEST ELM
COALINGA, CALIFORNIA

VEH./CONTAINER NO.

EPA ID NUMBER

CAD003986718

ANSPORTER NO. 2/ALTERNATE TSD FACILITY

[redacted]

VEH./CONTAINER NO.

EPA ID NUMBER

EATMENT, STORAGE, OR DISPOSAL (TSD) FACILITY

KETTLEMAN HILLS DISPOSAL
KETTLEMAN CITY, CALIFORNIA

EA CODE/PHONE NUMBER Z 209-935-2043

EPA ID NUMBER

CAT000646117

PROPER U.S. D.O.T. SHIPPING NAME AND HAZARD CLASS	UN/NA NUMBER	TOTAL QUANTITY	UNIT WT/VOL	CONTAINER NO.	CONTAINER TYPE	WASTE CAT NO.	DISP. METH.
SODIUM HYDROXIDE	UN1824	05000	G	001	CT	122	00m4

COMPONENTS	CONC. RANGE UPPER	CONC. RANGE LOWER	UNITS %	UNITS PPM
AUSTIC SODA 50 % SOLUTION, WATER				

ECIAL HANDLING INSTRUCTIONS

is is to certify that the above-named wastes are properly classified, described, packaged, marked and labeled, and are proper condition for transportation according to the applicable requirements of the Department of Transportation d the EPA.

nted or typed full name and signature E. F. VALIS E. F. Valis

MO. 03 DAY 19 YR. 83

Check if continuation sheet is used. Number of continuation sheets

RANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

CHEMICAL WASTE MANAGEMENT

nted or typed full name and signature Don Radley Don Radley

DATE REC'D & ACCEPTED MO. 03 DAY 19 YR. 83

RANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

nted or typed full name and signature

DATE REC'D & ACCEPTED MO. DAY YR.

SCREPANCY INDICATION SPACE

ility owner or operator: Certification of receipt of hazardous waste covered by this manifest except as noted he discrepancy indication space above. Note: TSDF must complete waste nber. See instructions.

EPA ID NUMBER

DATE RECEIVED & ACCEPTED MO. DAY YR.

nted or typed full name and signature

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GENERATOR RETAINS

ASTE MANAGEMENT BRANCH UNIFOR IAZARDOUS WASTE MANIFEST

95814

PO 2129T

STATE ID NUMBER 8 3070674

ne with ELITE type (12 characters per inch

ERATOR NAME AND MAILING ADDRESS

OWENS-ILLINOIS, INC
14700 WEST SCHULTE ROAD
TRACY, CA 95376

A CODE/PHONE NUMBER 209-835-5701

MANIFEST DOCUMENT NUMBER

EPA ID NUMBER

CAD009146929 669-1

NSPORTER NO. 1

MICAL WASTE MANAGEMENT
430 WEST ELM
COALINGA, CA

VEH./CONTAINER NO. 14303453

EPA ID NUMBER CAD003986718

NSPORTER NO. 2/ALTERNATE TSD FACILITY

VEH./CONTAINER NO.

EPA ID NUMBER

ATMENT, STORAGE, OR DISPOSAL (TSD) FACILITY

KETTLEMAN HILL DISOSAL
KETTLEMAM HILL, CA

EPA ID NUMBER

A CODE/PHONE NUMBER 209-935-2043

CAT[illegible]6461 17

PROPER U.S. D.O.T. SHIPPING NAME AND HAZARD CLASS	UN/NA NUMBER	TOTAL QUANTITY	UNIT WT/VOL	CONTAINER NO.	TYPE	WASTE CAT NO.	DISP. METH.
SODIUM HYDROXIDE	UN1824	16	Y	001	DT	122	04

COMPONENTS	CONC. RANGE UPPER	LOWER	UNITS %	PPM
XXXXX CAUSTIC SODA 50% SOLUTION, SAND				

CIAL HANDLING INSTRUCTIONS

s to certify that the above-named wastes are properly classified, described, packaged, marked and labeled, and are oper condition for transportation according to the applicable requirements of the Department of Transportation he EPA.

ed or typed full name and signature DAN MC KENZIE

MO. 03 DAY 18 YR. 83

heck if continuation sheet is used. Number of continuation sheets

NSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

CHEMICAL WASTE MANAGEMENT

ed or typed full name and signature DAVID THOMPSON

DATE REC'D & ACCEPTED MO. 03 DAY 19 YR. 83

NSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

ed or typed full name and signature

DATE REC'D & ACCEPTED MO. DAY YR.

REPANCY INDICATION SPACE

y owner or operator: Certification of receipt of hazardous waste covered by this manifest except as noted discrepancy indication space above. Note: TSDF must complete waste er. See instructions.

EPA ID NUMBER

DATE RECEIVED & ACCEPTED MO. DAY YR.

d or typed full name and signature

2A 11/82

GENERATOR SENDS THIS COPY TO DOHS

Welfare Agency
MANAGEMENT BRANCH

UNIFORM HAZARDOUS WASTE MANIFEST P.O. # 2129T

Department of Health Services

...ype with ELITE type (12 characters per inch).

STATE ID NUMBER 83070675

GENERATOR NAME AND MAILING ADDRESS
...NS-ILLINOIS, INC.
...700 WEST SCHULTE ROAD
...ACY, CALIFORNIA 95376

MANIFEST DOCUMENT NUMBER

EPA ID NUMBER

EPA CODE/PHONE NUMBER 209-835-5701

CAD000146929 669-2

TRANSPORTER NO. 1
CHEMICAL WASTE MANAGEMENT
...0 WEST ELM
...OALINGA, CALIFORNIA

VEH./CONTAINER NO. 1402

EPA ID NUMBER CAD003986718

TRANSPORTER NO. 2/ALTERNATE TSD FACILITY

VEH./CONTAINER NO.

EPA ID NUMBER

TREATMENT, STORAGE, OR DISPOSAL (TSD) FACILITY
...TTLEMAN HILLS DISPOSAL
...TTLEMAN CITY, CALIFORNIA

EPA ID NUMBER

EPA CODE/PHONE NUMBER 209-935-2043

CAT000646117

PROPER U.S. D.O.T. SHIPPING NAME AND HAZARD CLASS	UN/NA NUMBER	TOTAL QUANTITY	UNIT WT/VOL	CONTAINER NO.	CONTAINER TYPE	WASTE CAT NO.	DISP. METH.
...ODIUM HYDROXIDE	UN1824	03000	G	001	CT	122	00n4

COMPONENTS	CONC. RANGE UPPER	CONC. RANGE LOWER	UNITS %	UNITS PPM
...austic soda 50 % solution, water				

...CIAL HANDLING INSTRUCTIONS

...is to certify that the above-named wastes are properly classified, described, packaged, marked and labeled, and are ...oper condition for transportation according to the applicable requirements of the Department of Transportation ...the EPA.

...ed or typed full name and signature E.F. VALIS Ernest F. Valis

MO. 03 DAY 19 YR. 83

...heck if continuation sheet is used. Number of continuation sheets

...NSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES
CHEMICAL WASTE MANAGEMENT

...ed or typed full name and signature JACK LAUER Jack Lauer

DATE REC'D & ACCEPTED MO. 03 DAY 20 YR. 83

...NSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

...d or typed full name and signature

DATE REC'D & ACCEPTED MO. DAY YR.

...REPANCY INDICATION SPACE

...y owner or operator: Certification of receipt of hazardous waste covered by this manifest except as noted ...discrepancy indication space above. Note: TSDF must complete waste ...er. See instructions.

EPA ID NUMBER

DATE RECEIVED & ACCEPTED MO. DAY YR.

...d or typed full name and signature

Health and Welfare Agency
STE MANAGEMENT BRANCH

UNIFORM HAZARDOUS WASTE MANIFEST

P.O. #2129 T

15814

STATE ID NUMBER 8 3070676

e with ELITE type (12 characters per inch).

RATOR NAME AND MAILING ADDRESS
as-Illinois , Inc.
00 West Schulte Road
cy, California 95376

A CODE/PHONE NUMBER 209- 835 -5701

MANIFEST DOCUMENT NUMBER

EPA ID NUMBER CAD000146929 669-2

NSPORTER NO. 1
nical Waste Management
West Elm
alinga, California

VEH./CONTAINER NO. 14113452

EPA ID NUMBER CAD003986718

NSPORTER NO. 2 ALTERNATE TSD FACILITY
[redacted]

VEH./CONTAINER NO.

EPA ID NUMBER

ATMENT, STORAGE, OR DISPOSAL (TSD) FACILITY
KETTLEMAN HILLS DISPOSAL
KETTLEMAN CITY, CALIFORNIA

EPA ID NUMBER CAT000646117

EA CODE/PHONE NUMBER 209-935-2043

PROPER U.S. D.O.T. SHIPPING NAME AND HAZARD CLASS	UN/NA NUMBER	TOTAL QUANTITY	UNIT WT/VOL	CONTAINER NO.	CONTAINER TYPE	WASTE CAT NO.	DISP. METH.
DIUM HYDROXIDE	UN1824	16	Y	001	DT	122	04

COMPONENTS	CONC. RANGE UPPER	CONC. RANGE LOWER	UNITS %	UNITS PPM
USTIC SODA 50 % SOLUTION, SAND				

CIAL HANDLING INSTRUCTIONS

is to certify that the above-named wastes are properly classified, described, packaged, marked and labeled, and are oper condition for transportation according to the applicable requirements of the Department of Transportation the EPA.

MO. 03 DAY 21 YR. 83

ted or typed full name and signature E.F. VALIS Ernest F. Valis

Check if continuation sheet is used. Number of continuation sheets

ANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES
CHEMICAL WASTE MANAGEMENT

ted or typed full name and signature JACK LAUER Jack Lauer

DATE REC'D & ACCEPTED MO. 03 DAY 21 YR. 83

ANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

ted or typed full name and signature

DATE REC'D & ACCEPTED MO. DAY YR.

CREPANCY INDICATION SPACE

ility owner or operator: Certification of receipt of hazardous waste covered by this manifest except as noted he discrepancy indication space above. Note: TSDF must complete waste ber See instructions.

EPA ID NUMBER

DATE RECEIVED & ACCEPTED MO. DAY YR.

ted or typed full name and signature

GENERATOR SENDS THIS COPY TO DOHS

REVERSE SIDES FOR INSTRUCTIONS. PLEASE TYPE PRINT CLEARLY.

PRESS HARD

CALIFORNIA HAZARDOUS WASTE MANIFEST

STATE DEPARTMENT OF HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT SECTION
744 P STREET, SACRAMENTO, CA 95814

(1) MANIFEST NUMBER 021 015990

GENERATOR (GENERATOR MUST COMPLETE)

(2) NAME CWENS-ILLINOIS, INC
EPA NO. CAD000146929
ADDRESS 14700 W SCHULTE RD
CITY, STATE, ZIP CODE TRACY, CA 95376
PHONE NO. 209-8355701
ORDER PLACED BY DAN MC KENZIE ORDER DATE 3/22/83
P.O. CONTRACT NO

(3) DESIGNATED TSD FACILITY (AUTHORIZED TO OPERATE UNDER AN APPROVED STATE OR FEDERAL PROGRAM)
NAME KETTLEMAN HILL DISPOSAL
EPA NO. CAT000646117
ADDRESS KETTLEMAN CITY, CA
CITY, STATE, ZIP CODE
PHONE NO. 209-935-2043

(4) ALTERNATE TSD FACILITY
NAME
EPA NO.
ADDRESS
CITY, STATE, ZIP CODE
PHONE NO.

(5) U.S. DOT PROPER SHIPPING NAME	U.S. DOT HAZARD CLASS	UN NA ID NO	WEIGHT OR VOLUME	UNITS	CONTAINERS NUMBER
WASTE SODIUM HYDROXIDE	~~[illegible]~~	UN1824	[illegible]	13	DRUMS / BAGS / CARTONS / X DUMP TRUCK / TANK TRUCK / OTHER
WASTE					

(6) WASTE CATEGORY 62 (7) EPA WASTE ID No. (8) EX HAZ WASTE PERMIT NO. (9) GENERATING PROCESS [illegible]

(9) LIST COMPONENTS:

		CONC. RANGE UPPER	CONC. RANGE LOWER	UNITS
A	CAUSTIC SODA AND SAND			% PPM
B				% PPM
C				% PPM
D				% PPM
E				% PPM
F				% PPM
G				% PPM

NONHAZARDOUS MATERIAL %

(10) WASTE PROPERTIES PH ☐ TOXIC ☐ FLAMMABLE ☒ CORROSIVE/IRRITANT ☐ REACTIVE ☐ SENSITIZER ☐ CARCINOGEN MUTAGEN

(11) PHYSICAL STATE ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ GAS ☐ OTHER

(12) SPECIAL HANDLING INSTRUCTIONS ☒ GLOVES ☒ GOGGLES ☐ RESPIRATOR ☐ OTHER

GENERATOR CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED & LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION AND THE EPA.

IN THE EVENT OF A SPILL CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802.

(13) DAN MC KENZIE [signature] 3/22/83
SIGNATURE OF AUTHORIZED AGENT & TITLE DATE SHIPPED

TRANSPORTER (HAULER MUST COMPLETE)

(14) NAME CHEMICAL WASTE MANAGEMENT, INC.
EPA NO CAD003986718
ADDRESS 430 West Elm Avenue, P.O. Box 1104
CITY, STATE, ZIP CODE Coalinga, Ca. 93210
PHONE NO (209) 935-2043

JOB NO 16481
UNIT NO

(15) PICK-UP DATE 3-22-83
TIME 2:00 ☐ AM ☒ PM

(16) [signature]
SIGNATURE OF AUTHORIZED AGENT & TITLE

TSD FACILITY (OPERATOR MUST COMPLETE)

(17) NAME CHEMICAL WASTE MANAGEMENT, INC.
EPA NO. CAT000646117

(18) QUANTITY (IF MEASURED)
(19) STATE FEE (IF ANY) $

(20) INDICATE ANY SIGNIFICANT DISCREPANCIES BETWEEN MANIFEST AND SHIPMENT

(21) HANDLING OR DISPOSAL METHOD
☐ SURFACE IMPOUNDMENT ☐ LANDFILL
☐ INJECTION WELL ☐ LAND TREATMENT
☐ TREATMENT (SPECIFY)
☐ RECOVERY OR REUSE ☐ STORAGE-TRANSFER

(22) IF WASTE IS HELD FOR DELIVERY ELSEWHERE, SPECIFY THE DESIGNATED TSD FACILITY
NAME
EPA NO

(23) SIGNATURE OF AUTHORIZED AGENT & TITLE DATE ACCEPTED

SEE REVERSE SIDES FOR INSTRUCTIONS. PLEASE TYPE OR PRINT CLEARLY.
PRESS HARD

CALIFORNIA HAZARDOUS WASTE MANIFEST

STATE DEPARTMENT OF HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT SECTION
744 P STREET, SACRAMENTO, CA 95814

① MANIFEST NUMBER
021015991

GENERATOR (GENERATOR MUST COMPLETE)

① NAME: OWENS-ILLINOIS, INC
EPA NO.: CAD009146923
ADDRESS: 14700 W SCHULTE RD
CITY, STATE, ZIP CODE: TRACY, CA 95376
PHONE NO.: 209-835-5701
ORDER PLACED BY: ____ ORDER DATE: ____
CONTRACT NO: ____

③ DESIGNATED TSD FACILITY (AUTHORIZED TO OPERATE UNDER AN APPROVED STATE OR FEDERAL PROGRAM)

NAME: KETTLEMAN HILL DISPOSAL
EPA NO.: CAT000646117
ADDRESS: KETTLEMAN X CITY, CA
CITY, STATE, ZIP CODE: ____
PHONE NO.: 209-935-2043

④ ALTERNATE TSD FACILITY

NAME: ____
EPA NO.: ____
ADDRESS: ____
CITY, STATE, ZIP CODE: ____
PHONE NO.: ____

⑨ U.S. DOT PROPER SHIPPING NAME	U.S. DOT HAZARD CLASS	UN NA ID NO	WEIGHT OR VOLUME	UNITS	CONTAINERS NUMBER
WASTE SODIUM HYDROXIDE	[illegible]	UN1824	[illegible]	[illegible]	DRUMS ☐ BAGS ☐ CARTONS ☒ DUMP TRUCK ☐ TANK TRUCK ☐ OTHER
WASTE					

WASTE CATEGORY: [illegible] ⑪ EPA WASTE ID No: ____ ⑦ EX. HAZ WASTE PERMIT NO.: ____ ⑧ GENERATING PROCESS: ____

LIST COMPONENTS: CAUSTIC SODA AND ☒ SAND

	CONC. RANGE UPPER	CONC. RANGE LOWER	UNITS
			% PPM
			% PPM
			% PPM
			% PPM

	CONC RANGE UPPER	CONC RANGE LOWER	UNITS
E			% PPM
F			% PPM
G			% PPM
NONHAZARDOUS MATERIAL			%

WASTE PROPERTIES: PH ____ ☐ TOXIC ☐ FLAMMABLE ☒ CORROSIVE/IRRITANT ☐ REACTIVE ☐ SENSITIZER ☐ CARCINOGEN MUTAGEN
PHYSICAL STATE: ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ GAS ☐ OTHER ____
SPECIAL HANDLING INSTRUCTIONS: ☒ GLOVES ☒ GOGGLES ☐ RESPIRATOR ☐ OTHER ____

GENERATOR CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED & LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION AND THE EPA.

IN THE EVENT OF A SPILL CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802.

⑪ DAN MC/KENTIC [illegible] — SIGNATURE OF AUTHORIZED AGENT & TITLE
DATE SHIPPED: 3/22/83

TRANSPORTER (HAULER MUST COMPLETE)

NAME: CHEMICAL WASTE MANAGEMENT, INC.
NO.: CAD003986718
ADDRESS: 430 West Elm Avenue, P.O. Box 1104
CITY, STATE, ZIP CODE: Coalinga, Ca. 93210
PHONE NO.: (209) 935-2043

JOB NO: [illegible]
UNIT NO: [illegible]

⑮ PICK-UP DATE: [illegible]
TIME: [illegible] ☒ AM ☐ PM

⑯ [illegible] — SIGNATURE OF AUTHORIZED AGENT & TITLE

TSD FACILITY (OPERATOR MUST COMPLETE)

NAME: CHEMICAL WASTE MANAGEMENT, INC.
NO.: CAT000646117

⑱ QUANTITY (IF MEASURED): ____
⑲ STATE FEE (IF ANY): $ ____

⑳ HANDLING OR DISPOSAL METHOD
☐ SURFACE IMPOUNDMENT ☐ LANDFILL
☐ INJECTION WELL ☐ LAND TREATMENT
☐ TREATMENT (SPECIFY) ____
☐ RECOVERY OR REUSE ☐ STORAGE TRANSFER

INDICATE ANY SIGNIFICANT DISCREPANCIES BETWEEN MANIFEST AND SHIPMENT: ____

IF WASTE IS HELD FOR DELIVERY ELSEWHERE, SPECIFY THE DESIGNATED TSD FACILITY: ____

NO.: ____

㉑ ____ — SIGNATURE OF AUTHORIZED AGENT & TITLE
DATE ACCEPTED: ____

CALIFORNIA HAZARDOUS WASTE MANIFEST

STATE DEPARTMENT OF HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT SECTION
744 P STREET, SACRAMENTO, CA 95814

① MANIFEST NUMBER 021 015992

(GENERATOR MUST COMPLETE)

NAME OWENS-ILLINOIS, INC
EPA NO. CAD000146929
ADDRESS 14700 W SCHULTE RD
CITY, STATE, ZIP CODE TRACY, CA 95376
PHONE NO. 209-9 835-5701
ORDER PLACED BY DAN MC KENZIE ORDER DATE 3/22/83
P.O. / CONTRACT NO

③ DESIGNATED TSD FACILITY (AUTHORIZED TO OPERATE UNDER AN APPROVED STATE OR FEDERAL PROGRAM)

NAME KETTLEMAN HILL DISPOSAL
EPA NO. CAT000646117
ADDRESS KETTLEMAN ~~HILL~~, CA
CITY, STATE, ZIP CODE CITY,
PHONE NO. 209-935-2043

④ ALTERNATE TSD FACILITY

NAME
EPA NO
ADDRESS
CITY, STATE, ZIP CODE
PHONE NO.

⑤ U.S. DOT PROPER SHIPPING NAME	U.S. DOT HAZARD CLASS	UN NA ID NO	WEIGHT OR VOLUME	UNITS	CONTAINERS NUMBER
WASTE SODIUM HYDROXIDE	[illegible]	UN1824	CUYD	[illegible]	DRUMS / BAGS / CARTONS / [X] DUMP TRUCK / TANK TRUCK / OTHER
WASTE					

⑥ WASTE CATEGORY 6 ⑦ EPA WASTE ID No. ⑧ EX. HAZ. WASTE PERMIT NO. ⑨ GENERATING PROCESS

⑨ LIST COMPONENTS:

		CONC. RANGE UPPER	CONC. RANGE LOWER	UNITS
A	CAUSTIC SODA AND SAND			% PPM
B				% PPM
C				% PPM
D				% PPM
E				% PPM
F				% PPM
G				% PPM

NONHAZARDOUS MATERIAL %

⑩ WASTE PROPERTIES PH ☐ TOXIC ☐ FLAMMABLE [X] CORROSIVE/IRRITANT ☐ REACTIVE ☐ SENSITIZER ☐ CARCINOGEN MUTAGEN

⑪ PHYSICAL STATE [X] SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ GAS ☐ OTHER

⑫ SPECIAL HANDLING INSTRUCTIONS [X] GLOVES [X] GOGGLES ☐ RESPIRATOR ☐ OTHER

GENERATOR CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED & LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION AND THE EPA.

IN THE EVENT OF A SPILL CONTACT THE NATIONAL RESPONSE CENTER, U. S. COAST GUARD 1-800-424 8802.

⑬ DAN MC KENZIE [signature] 3/22/83
SIGNATURE OF AUTHORIZED AGENT & TITLE DATE SHIPPED

TRANSPORTER (HAULER MUST COMPLETE)

⑭ NAME CHEMICAL WASTE MANAGEMENT, INC.
EPA NO CAD003986718
ADDRESS 430 West Elm Avenue, P.O. Box 1104
CITY, STATE, ZIP CODE Coalinga, Ca. 93210
PHONE NO. (209) 935-2043

JOB NO 16505
UNIT NO 1413/3453

⑮ PICK UP DATE 3-22-83
TIME [illegible] [X] AM ☐ P

⑯ [signature]
SIGNATURE OF AUTHORIZED AGENT & TITLE

TSD FACILITY (OPERATOR MUST COMPLETE)

⑰ NAME CHEMICAL WASTE MANAGEMENT, INC.
EPA NO. CAT000646117

⑱ QUANTITY (IF MEASURED)
⑲ STATE FEE (IF ANY) $

⑳ INDICATE ANY SIGNIFICANT DISCREPANCIES BETWEEN MANIFEST AND SHIPMENT

㉑ HANDLING OR DISPOSAL METHOD
☐ SURFACE IMPOUNDMENT ☐ LANDFILL
☐ INJECTION WELL ☐ LAND TREATMENT
☐ TREATMENT (SPECIFY)
☐ RECOVERY OR REUSE ☐ STORAGE/TRANSFE

㉒ IF WASTE IS HELD FOR DELIVERY ELSEWHERE, SPECIFY THE DESIGNATED TSD FACILITY
NAME
EPA NO

㉓ SIGNATURE OF AUTHORIZED AGENT & TITLE DATE ACCEPTED

RECORDING REQUESTED BY AND
WHEN RECORDED RETURN TO:

Marron, Reid & Sheehy
Mary Lu Everett, Esq.
601 California Street, Suite 1200
San Francisco, California 94108-2896

GRANT OF EASEMENT

This GRANT is made this __ day of _____, 1988 by and between THERMAL ENERGY DEVELOPMENT PARTNERSHIP, L.P., a Delaware limited partnership, (the "Grantor") and OWENS-ILLINOIS GLASS CONTAINER, INC., a Delaware corporation ("Grantee").

RECITALS

A. Grantor is the owner of that certain parcel of real property located in the City of Tracy County of San Joaquin, State of California, designated as Parcel A on the parcel map attached hereto as Exhibit A and more particularly described on Exhibit B attached hereto.

B. Grantee is the Owner of that certain parcel of real property located in the City of Tracy, County of San Joaquin, State of California, designated as the "Unsurveyed Remainder" on the parcel map attached hereto as Exhibit A-1 and more particularly described on Exhibit B ("Remainder Parcel").

C. Grantor has purchased Parcel A from Grantee and as a part of such purchase transaction has agreed to grant to Grantee a drainage easement over a portion of Parcel A. For the purposes of this Agreement, Parcel A shall be the Servient Tenement and the Remainder Parcel shall be the Dominant Tenement.

EXHIBIT C

NOW, THEREFORE, in consideration of Grantee's sale of Parcel A to Grantor and for other good and valuable consideration:

GRANT OF EASEMENT

1. Grant of Easement. Grantor does hereby grant and convey to Grantee and to each and every owner hereafter of all or any portion of the Dominant Tenement, for the benefit of and appurtenant to the Dominant Tenement, a drainage easement as described herein.

2. Location. The easement granted herein is designated "Drainage Easement" on the Site Plan attached hereto as Exhibit C and the location is more particularly described on Exhibit C-1.

3. Description. The easement granted herein is the right of Grantee to discharge rainwater and storm run-off into the drainage basin on the Servient Tenement from the Dominant Tenement.

4. Covenants by Grantor. Grantor hereby covenants that it will take no action on the Servient Tenement which will impair the easement granted to Grantee herein. Grantor further agrees to maintain the drainage basin in good repair at its sole cost and expense.

Grantor shall not change the location or reduce the capacity the retention basin on the Servient Tenement without the prior written consent of Grantee, which shall not be unreasonably withheld provided that the drainage systems on the Servient Tenement remain sufficient to properly collect and drain the

water discharged by Grantee onto the Servient Tenement pursuant to the Easement granted herein.

5. Indemnification. Grantee covenants and agrees that, to the maximum extent permitted by law, Grantee shall indemnify, defend and hold harmless Grantor, its directors, officers, shareholders, partners, employees and agents, and their respective heirs, successors, personal representatives and assigns (hereinafter collectively "Indemnified Parties") from and against any and all suits, actions, legal or administrative proceedings, claims, damages, actual damages, fines, punitive damages, losses, costs, liabilities, interest and reasonable attorney's fees (including any such fees and expenses incurred in enforcing this indemnity), including but not limited to liability and expenses for injury to or the death of any person (including, without limitation, any of the Indemnified Parties) or physical damage to property of any kind wherever located and by whomever owned (including, without limitation, that of any of the Indemnified Parties) arising out of or in any way connected with Grantee's use of the easement granted herein. This indemnity shall burden the Remainder Parcel and shall benefit Parcel A. This indemnity shall survive any termination of this Grant of Easement.

6. Covenants to Run with the Land. All covenants in this Grant of Easement shall be covenants running with the land pursuant to Section 1468 of the Civil Code of the State of California.

7. Abandonment of Easement. Grantee may construct a retention basin on the Remainder Parcel and desire to abandon the easement granted herein. In such event, Grantor agrees to accept a quitclaim from Grantee of the interest in Parcel A created herein.

8. Successors and Assigns. This Grant of Easement shall bind and inure to the benefit of the respective heirs, successors and assigns of the parties hereto.

9. Attorneys' Fees. If either party institutes an action to enforce its rights under this Agreement, the losing party shall pay to the prevailing party the reasonable attorneys' fees and costs incurred by the prevailing party in such action.

IN WITNESS WHEREOF, the parties have executed this Grant of Easement as of the day and year first above written.

GRANTOR: THERMAL ENERGY DEVELOPMENT PARTNERSHIP, L.P.

By: CEA Tracy, Inc., General Partner

By: _____
Its: _____

By: Harbert Tracy, L.P., General Partner

By: Harbert Tracy, Inc., General Partner

By: _____
Its: _____

GRANTEE: OWENS-ILLINOIS GLASS CONTAINER, INC.

By: _____

Its: _____

STATE OF)
)
COUNTY OF _____)

On _____, 1988, before me, the undersigned, a Notary Public in and for said State, personally appeared _____ _____, and _____, proved to me on the basis of satisfactory evidence, or known to me to be one of the partners of THERMAL ENERGY DEVELOPMENT PARTNERSHIP, L.P., the partnership that executed the within instrument and acknowledged to me that such partnership executed the same.

WITNESS my hand and official seal.

_____

NOTARY PUBLIC IN AND FOR SAID STATE

STATE OF)
)
COUNTY OF _____)

On _____, 1988, before me, the undersigned, a Notary Public in and for said State, personally appeared _____ _____, proved to me on the basis of satisfactory evidence, or known to me to be the _____ of OWENS-ILLINOIS GLASS CONTAINER INC., the corporation that executed the within instrument on behalf of the corporation therein named, and acknowledged to me that such corporation executed the within instrument pursuant to its bylaws or a resolution of its board of directors.

WITNESS my hand and official seal.

_____

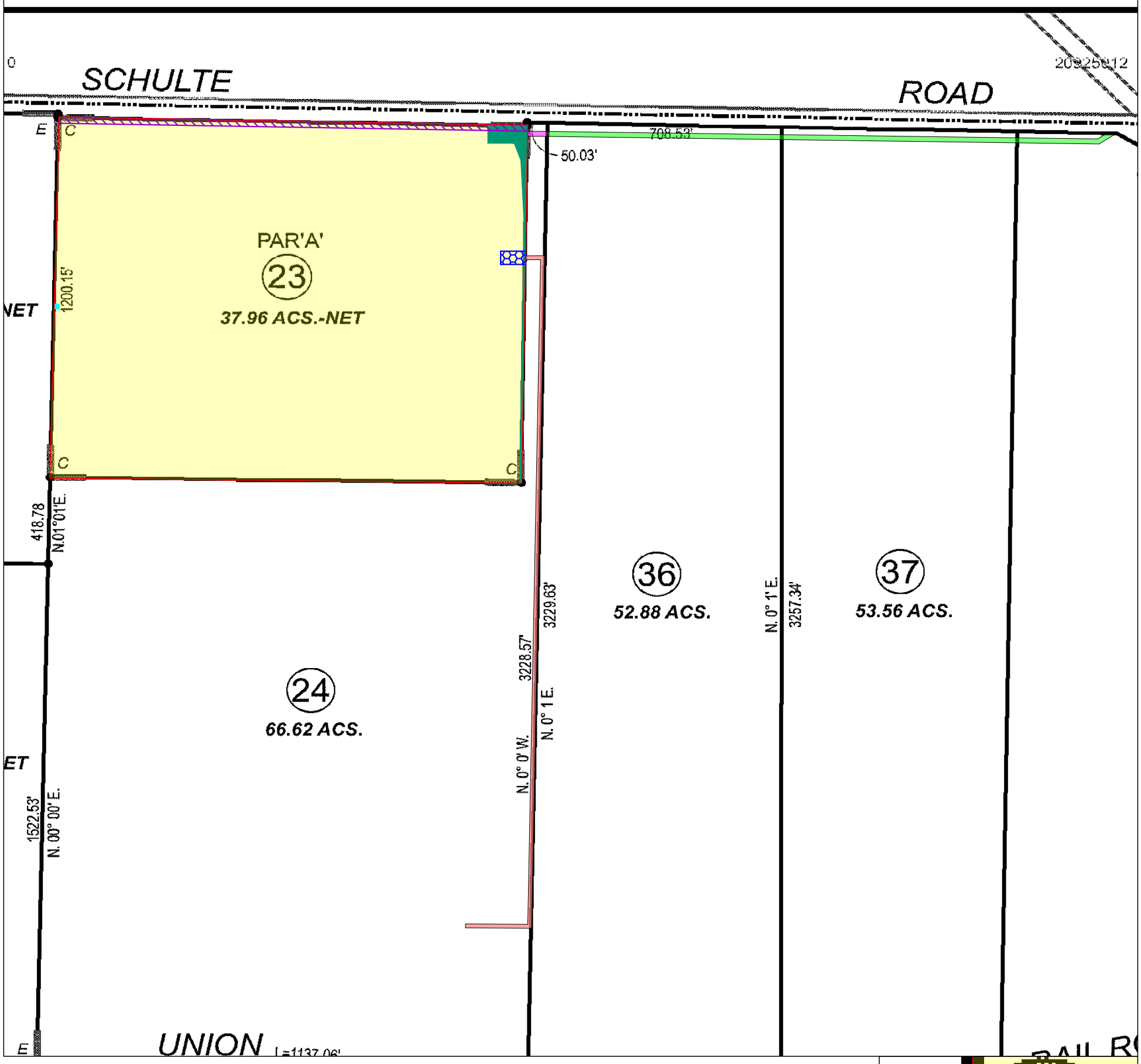
NOTARY PUBLIC IN AND FOR SAID STATE

Standard Scale 1 : 1

0 1 2

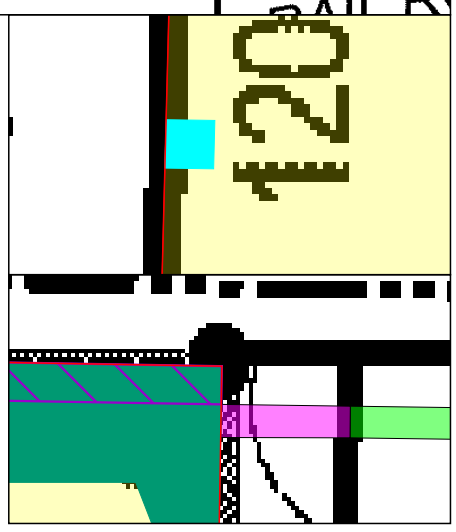
N W E S

SEC. 36, T.2S. R.4E., M.D.B.&M.



LEGEND

- Parcel One (Fee, Property in Question)
- Parcel Two (Easement)
- Parcel Three (Easement)
- Parcel Four (Easement)
- Easement for Drainage pipe line 01/03/1961, Book 2369, Page 259 of Official Records. Affects as described therein
- Easement for Drainage basin, ditch 09/22/1988, Instrument No. 88080326 of Official Records. Affects as described therein
- Easement for Line of poles 03/01/1989, Instrument No. 89017519 of Official Records. Affects as described therein
- Easement for Gas pipes 09/14/1989, Instrument No. 89084394 of Official Records. Affects as described therein



Detail View

NORTH AMERICAN TITLE COMPANY
Like Clockwork®

North American Title Company
3520 Brookside Road, Suite 151
Stockton, California 95219
Phone: (209)956-6282 Fax : (209)390-4731

Title Order No. 1505579, Preliminary Report Dated as of May 10, 2017	Drawing Date: 06/01/2017
Reference :	Data :
Property: 14800 W Schulte Rd, Tracy, California 95377	Assessor's Parcel Nos. : 209-240-23

"Notice: This is neither a plat nor a survey. It is furnished merely as a convenience to aid you in locating the land indicated hereon with reference to streets and other land. No liability is assumed by reason of any reliance hereon."

NOTE: Easements depicted hereon are provided as a courtesy only and no representation is made as to the accuracy or completeness thereof. The Company assumes no liability for any loss occurring by reason of reliance thereon. It is recommended that a survey be obtained from a licensed profesional to determine actual locations.

Plat Showing the Real property in the unincorporated area of the County of San Joaquin, State of California

Sheet 1 of 1

Archive #

KLEINFELDER

4/4/88
cc: REJ
JHG

REPORT
GEOTECHNICAL INVESTIGATION
PROPOSED COGENERATION FACILITY
TRACY, CALIFORNIA

KLEINFELDER 2825 East Myrtle Street, Stockton, CA 95205 (209) 948-1345

KLEINFELDER

File No.: 20-2977-01
February 29, 1988

Thermal Energy Development Corporation
501 West Weber Avenue, Suite 104A
Stockton, California 95203

Attention: Mr. Tim Hoblizell

REPORT
GEOTECHNICAL INVESTIGATION
PROPOSED COGENERATION FACILITY
TRACY, CALIFORNIA

Gentlemen:

INTRODUCTION

In this report are the results of a geotechnical investigation performed for the proposed cogeneration facility to be located on Schulte Road near the Owens-Illinois Plant in Tracy, California. A plot plan and vicinity map showing the approximate tion of the proposed site are presented on Plate I of this report.

PLANNED CONSTRUCTION

We understand the proposed facility will consist of the following main components; boiler, turbine generator, cooling towers, water storage tank, and fuel handling equipment. It is our understanding that the boiler facility will consist of the following components and loads:

1. Boiler - load of approximately 393 Kips.
2. Superheater structure - load of approximately 133 Kips.
3. Economizer - load of approximately 46 Kips.
4. Tubular Air Heater - load of approximately 222 Kips.
5. Fuel Metering Bins - load of approximately 40 Kips.

The cooling towers will be approximately 30 to 40 feet in diameter and 20 to 30 feet tall.

Other construction will consist of the truck handling facilities, a storm retention pond, electrical transformers and equipment, and administration offices.

Additional loads and details of the planned construction are not known to our firm at this time.

PURPOSES AND SCOPE OF INVESTIGATION

The purposes of our geotechnical investigation have been to explore and evaluate the surface and subsurface soil conditions at the site, and to provide recommendations for use in design. The scope of our services was outlined in our proposal dated December 1, 1987.

This report contains the following information:

1. Plot plan and vicinity map showing the approximate locations of the site and test borings drilled for this study.
2. Logs of Test Borings.
3. Results of laboratory tests.
4. Recommendations for foundations, including recommended maximum allowable soil bearing pressures and lateral earth pressures.
5. Recommendations for support of slab-on-grade floors.
6. Recommendations for site preparation and grading.
7. Comments on liquefaction potential.

8. Recommended pavement sections.

In preparing our report, we have made maximum use of existing information from previous jobs performed by our firm in the site area. These projects include geotechnical investigations for the adjacent Owens-Illinois Plant and numerous other projects in the area.

SITE CONDITIONS

At the time of our field explorations, the site of the proposed plant was a relatively flat alfalfa field. There were no trees, buildings or other above ground obstacles noted at the site.

FIELD EXPLORATIONS

'e field explorations for this investigation were performed on February 3, 1988, and consisted of the drilling and sampling of eleven test borings to depths varying from 10 to 40 feet below existing ground surface. Two of the borings were drilled in the area of the retention pond and were cased for later percolation testing. The borings were drilled with truck-mounted drill equipment using 6-inch diameter continuous flight auger. A continuous log of the soils encountered in each boring was maintained, and relatively undisturbed core samples were obtained for visual examination, classification, and laboratory testing. The soils were collected by driving a 2-inch inside diameter sampler into the soil using a 140-pound hammer falling approximately 30 inches. The number of blows required to advance the sampler into the soils are noted on the Logs of Borings, Plates III through XIII, at the corresponding sample locations.

SOIL CONDITIONS

In general, the soil conditions encountered at the locations explored consist of grey sandy clay from the surface to depths of approximately 2 to 4 feet except in test borings 7, 8 and 10 where the grey sandy clay soils extend to approximately 5 to 7 feet. These soils are generally moist and medium stiff.

Beneath the surface grey sandy clay, the soil conditions encountered are relatively consistent and include tan to brown sandy clay which is generally very stiff to hard. An occasional more sandy or slightly less stiff layer was encountered. The clay soils extend to the maximum depths explored in ten of the borings and to a depth of approximately 27-1/2 feet in boring 1. Below this depth in boring 1, clayey and clean sands were encountered to the maximum depth explored of 41-1/2 feet.

Groundwater was encountered at approximately 35-1/2 feet below the existing ground surface in boring 1. It is possible, however, that changes in groundwater conditions could occur at the site due to variations in rainfall, groundwater withdrawal, construction activities, or other factors not apparent at the time our test borings were drilled.

The above is a general summary of the soil and groundwater conditions encountered in the exploratory borings drilled for this investigation. A more detailed description of the soils encountered in the borings are noted on the Logs of Borings. All soils have been classified according to the Unified Soils Classification System presented on Plate II.

LABORATORY TESTING

Laboratory tests were performed on selected samples obtained from the test borings in

order to evaluate the strength, density, compressibility, gradation, and corrosion characteristics of the soils encountered. The tests performed included Moisture Content and Dry Density Determinations, Unconfined Compressive Strength Tests, #200 Washes, pH and Resistivity Tests, and a Consolidation Test. The results of all laboratory tests, excluding consolidation, are presented on Plate XIV. The results of the consolidation test are plotted on Plate XV.

CONCLUSIONS AND RECOMMENDATIONS

General

The surface or near-surface soils encountered at this site generally consist of grey silty clay. Based on our laboratory test results and experience, these soils are considered expansive and can become soft when wet. In our opinion, these soils are unsuitable for support of heavy structures. In addition, lightly loaded foundations, floor slabs, or concrete flatwork placed on these expansive soils are subject to possible damage resulting from heaving or shrinking of the clay soils due to moisture changes. Therefore, it is our opinion that foundations supporting heavy loads or sensitive structures should extend through the grey sandy clay and bear on the underlying tan to brown sandy clay soils encountered at approximately 2 to 6 feet. We also recommend that floor slabs in areas with heavy equipment or storage loads be underlain by a minimum of 12 inches of granular nonexpansive Engineered Fill.

Detailed recommendations for foundations, floor slabs, site preparation and grading and pavements, and comments on liquefaction potential are contained in the following sections of this report.

Support of Main and Support Structures on Spread and Continuous Foundations

It is our opinion that the main and larger support structures can be supported on spread and continuous foundations extending through the surface expansive grey sandy clay and bearing on the underlying undisturbed tan to brown clay soils. These bearing soils were generally encountered in our test borings at depths varying from approximately 2 to 4 feet below the existing ground surface except in the areas around test borings 7, 8 and 10. If desired, footings can be backfilled with lean concrete to a minimum of 24 inches below lowest adjacent finished soil subgrade. Continuous foundations around the perimeter of the structures are recommended in order to provide a barrier against moisture migration beneath the structures. The recommended minimum width of foundations is 12 inches. With these provisions, the recommended maximum allowable soil bearing pressure is 6,000 pounds per square foot for dead plus live load. This value can be increased by one-third for the total of all loads, including wind or seismic forces.

For the smaller support structures where the structural loads are relatively low and where a slight increase in risk is acceptable, it is our opinion that spread and continuous foundations for these structures can be supported directly on the grey clay soils. We recommend, however, that foundations extend to a depth of at least 18 inches below lowest adjacent finished soil subgrade. At this depth, the moisture fluctuation of the grey clay soils tends to be minimal, thus reducing the possibility of swelling and shrinking of these soils. Continuous perimeter footings are also recommended. We recommend that the maximum soil bearing pressure be reduced to 2,000 pounds per square foot for dead plus live load with a one-third increase for the total of all loads, including wind or seismic forces. The recommended minimum width of foundations is 12 inches.

Support of the Boiler on Drill Pier or Mat Foundations

Due to the high column loads, we recommend that the boiler structure be supported on either drilled and cast-in-place friction piers or on a mat foundation. The piers should be designed as friction piers with an allowable skin friction value of 1,500 pounds per square foot for dead plus live loads. This value can be increased by one-third for the total of all loads, including wind or seismic forces. An allowable skin friction value of 1,500 pounds per square foot may be used for uplift resistance. These values apply for the very stiff clay soils generally encountered below 2 to 4 feet. We recommend that drilled piers be a minimum of 18 inches in diameter and extend a minimum of 20 feet into the native soil.

The mat foundation should bear on the tan to brown clay soils encountered generally at 2 to 4 feet. Beneath the grey clay, we recommend that a subgrade modulus at 300 pounds per cubic inch be used in the design of the foundation. The mat foundation should be proportioned to impose uniformly distributed loads not exceeding 2,000 pounds per square foot for dead plus live loads in order to minimize settlement. This value can be increased by one-third for the total of all loads, including wind or seismic forces.

We note that caving sands were not encountered within approximately 36 feet of the surface in our borings. Therefore, we do not anticipate that casing would be required to keep the pier excavations open. We recommend that excavations be machine-cleaned as thoroughly as possible. In order to avoid water in the holes or the tremie method of concrete placement, we suggest that piers be limited to approximately 35 feet in length. All piers should be spaced no closer than 2-1/2 times their diameter (center to center) nor less than 36 inches (edge to edge), regardless of diameter. If

desired, friction piers can be used for other portions of the project.

Many of the larger and heavier structures supported on mat foundations are expected to have slightly higher total and differential settlements of 1/2-inch to 1-1/2 inches as discussed in a previous section. Although the unit loading is often less for these structures, the stresses are distributed to a greater depth due to the size of the foundation. Specifically, if the boiler is constructed on a mat foundation the total settlement is anticipated to be on the order of 3/4-inch with differential settlement approximately one-half this amount.

Lateral Earth Pressures

Resistance to lateral forces can, in our opinion, be provided by passive pressure of the sides of the footings against the soil or by friction on the base of the footing. The recommended passive pressure is a uniform pressure of 1,000 pounds per square foot plus an increase of 400 pounds per square foot per foot of depth to a maximum value of 4,000 pounds per square foot. The recommended coefficient of friction between the base of the footings and the soil is 0.4. These values apply to the very stiff tan-brown clay soils underlying the surface grey clay. For grey clay, the recommended passive pressure is 350 pounds per square foot per foot of depth and the friction value is 0.35.

The recommended active and at-rest soil pressures are summarized below. We recommend that the at-rest soil pressures be used whenever walls are relatively rigid and restrained against deflection. We suggest that the grey clay surface soil not be used as backfill around buried structures or retaining walls due to the expansive nature of these soils. The active and at-rest pressures summarized below do not include any

allowance for surcharge loading. Our firm can provide assistance with estimating surcharge pressures once specific loading information is known.

Soil Type	Active Soil Pressure (PSF/Foot of Depth	At-rest Soil Pressure (PSF/Foot of Depth
Grey Clay	40	60
Engineered Fill or Tan-Brown Clay Soils	30	50

Slab-On-Grade Floors

In our opinion, the preferred means of reducing the risk of damage due to heaving is to support slab-on-grade floors on nonexpansive Engineered Fill. In particular, we recommend that all floor slabs to carry heavy equipment or storage loads be underlain by a minimum of 12 inches of nonexpansive Engineered Fill. Nonexpansive fill beneath smaller structures and exterior concrete flatwork and sidewalks should also be considered. We suggest that Engineered Fill extend at least 5 feet beyond the structure outlines to help provide a more uniform thickness beneath the buildings. The expansive soils beneath the Engineered Fill should be moisture-conditioned to a depth of at least 12-inches to approximately 5 percent over the optimum moisture content as obtained from the ASTM D-1557 test procedure.

An alternative to nonexpansive fill beneath slabs of the smaller structures and exterior concrete sidewalks and flatwork is to moisture-condition the native soils to a greater depth. This practice is widely used for economic reasons. When properly done, the performance of slabs underlain by moisture-conditioned soil is comparable to slabs underlain by nonexpansive Engineered Fill. However, since there is often a lack of

control, some additional risk of heaving must be assumed with this option. If this option is used, we recommend that the depth of moisture-conditioned soil beneath floor slabs be increased to 18-inches. Our detailed recommendations for the placement of Engineered Fill and the preparation of the existing soils are contained in the "Site Preparation and Grading" section of this report.

The recommended degree of compaction for Engineered Fill beneath floor slabs is 90 percent of the maximum dry density as obtained from the ASTM D-1557 test procedure at a moisture content near optimum. If the moisture-conditioning option is used for the smaller structures, we recommend that floor slabs in areas to receive sensitive floor tiling be underlain by a minimum 4-inch layer of free-draining gravel or coarse sand to act as a capillary moisture break. The sand beneath other structures can be considered a capillary break. If moisture transmission through slabs is undesireable, the gravel or sand, or Engineered Fill, should be covered with a moistureproofing membrane such as "Moiststop" or equivalent. Care should be exercised to avoid tearing, ripping or displacing the membrane during construction. If the membrane becomes torn or disturbed, it should be thoroughly replaced or patched so that it will perform its intended function. An approximate 1-inch layer of damp sand should be placed over the membrane to help protect the membrane during construction. The sand should be slightly moistened, but not flooded, just prior to pouring the concrete in order to aid in its curing.

For structures not to contain heavy equipment, fork-lift or heavy storage loads, we recommend that floor slabs be a minimum of 4-inches in thickness and reinforced with at least wire mesh. For structures to contain heavy equipment, fork-lift or storage loads, thicker floor slabs, on the order of 5-1/2 to 6-1/2 inches, may be required. The

normal practice for reinforcing in the Tracy area for warehouse type loading is #4 bars on 12 to 18-inch centers. The actual floor slab thickness and design should be provided by the structural engineer.

Site Preparation and Grading

Site preparation should include stripping and removal of all vegetation and any debris from the construction areas. The actual depth of stripping should be evaluated in the field by a representative of Kleinfelder. We do not anticipate large voids resulting from the removal of buried objects; however, should this situation arise, voids should be cleaned of all loose soil and properly backfilled.

After stripping and removal of debris, the exposed ground surface should be cut to the desired rough subgrade elevations, scarified, moistened as necessary, and recompacted. The recommended minimum degree of recompaction in the building area is between 85 and 95 percent at 5 percent over optimum if grey clay is exposed and a minimum of 90 percent for all other soils. In paving areas, the minimum recommended degree of compaction is 95 percent. These values refer to the maximum dry density as determined by the ASTM D-1557 test procedure. We stress the importance of compacting the native grey clay soil at a moisture content in excess of the optimum moisture content to reduce expansion potential. We recommend that any soft or loose pockets of the soil that are found during the recompaction process should be excavated down to stable soil and properly backfilled.

Nonexpansive Engineered Fill used beneath floor slabs should consist of granular, nonexpansive soil having a minimum R-Value of 40, a maximum Plasticity Index of 8, a maximum percentage passing the #200 Sieve of 40. If grey clay is removed from

building or pavement areas, we suggest that this soil be used in landscape areas or to fill less critical pavement or storage areas. The recommended degree of compaction for these soils is as stated above. We recommend that samples of proposed import fill soils be submitted to our office for conformance testing with the specificiations prior to being brought to the site.

Engineered Fill should be placed in thin horizontal layers a maximum of 8 inches in loose thickness and compacted. The recommended minimum degree of compaction is 95 percent of the ASTM D-1557 test procedure at a moisture content near optimum. Fill which is in a "springy" or "pumping" condition is not considered satisfactorily compacted regardless of the density obtained. Such areas should be aerated or disced as necessary and the soil compacted to a stable condition prior to placing additional lifts of fill.

We recommend that structural and trench backfill be placed in the same manner as Engineered Fill. In our opinion, trench backfills may be jetted outside the structure areas. However, if jetting is performed, sufficient time should be set aside to allow consolidation to occur. In addition, density tests should be taken to verify the recommended compaction.

It is important that the ground surrounding the proposed main and support facilities be graded to avoid ponding of storm or wash water adjacent to slabs and foundations. We also suggest that all work areas be covered with either concrete or asphalt paving since the native grey clay soils can become soft and unstable when wet. It has been our experience that a thin layer of gravel placed over the clay soils does not provide a suitable covering in parking or staging areas.

Several methods exist to moisture-condition the expansive soils. Generally, if construction is performed during the winter months, December through March, the surface soils are usually adequately moisture-conditioned due to rainfall. However, if moisture-conditioning is necessary, longterm sprinkling, with dikes to control runoff, generally produces uniform results. This method can take time, however, often on the order of several days. If this alternative is selected, we recommend that moisture-conditioning be performed immediately prior to the placement of Engineered Fill and/or slabs. Moisture tests should be taken to verify that the increased moisture content has been achieved.

If nonexpansive Engineered Fill is not used under the smaller structures and exterior concrete, it is important that the subgrade soils in such areas be moisture-conditioned in the same manner as suggested above. Moisture-conditioning should extend at least 2 feet beyond exterior concrete areas. It is also recommended that exterior concrete, such as walkways, be placed in approximately square patterns not more than approximately 200 square feet in size. Suitable divider strips or other appropriate methods, should be used at pour joints. Where concrete curbs are used to isolate landscaping in or adjacent to the parking areas, we recommend the curbs extend a minimum of 8 inches into the soils to provide a moisture barrier.

Pavement Recommendations

Our firm performed two R-Value Tests on samples of the grey surface clay soil. Our test results indicate R-Values of less than 5, which is typical for this area of Tracy. The Caltrans method of pavement design allows the use of 5 as a minimum design value. We have assumed a traffic index of 6.5 for truck traffic and 4.0 for general

passenger vehicle areas based on our experience with other cogeneration facilities in San Joaquin County of similar size.

Based on the above information and using procedures outlined by Caltrans, we recommend the following pavement sections:

Pavement Area	Traffic Index	Thickness of Asphalt Concrete	Thickness of Aggregate Base	Thickness of Aggregate Subbase
Truck Areas	6.5	3"	6"	10"
General Automobile Parking	4.0	3"	6½"	—

Based on past studies by our firm in the Tracy area, it is possible to increase the design R-Value to 50 or 60 by the addition of approximately 4 percent lime to the subgrade soils. For a design value of 50, the pavement section in truck areas could be reduced to 3 inches of asphalt concrete over 6 inches of aggregate base. In automobile parking areas, the section could be reduced to 2 inches of asphalt concrete underlain by 4 inches of aggregate base. Our firm can provide additional information if this alternative is to be considered further.

The above pavement sections provide the minimum thickness of asphalt concrete allowed by the Caltrans method of pavement design. Considering the rise in the cost of asphalt concrete, conventional design probably is the most economical. Full depth pavement sections can also be considered, however. The required full depth section for truck areas is 10 inches, and 5 inches for automobile parking. In our opinion, full depth sections of asphalt concrete may have some advantage to the conventional

sections. First, less excavation of the existing native soils would be required. Finally, full depth sections would be less susceptible to the effects of moisture than a conventionally designed section due to the greater thickness of impervious material. This could be an important factor in areas where trucks or equipment are washed down.

We recommend that the subgrade soils over which paving materials are placed be compacted to a minimum depth of 6 inches to a minimum of 95 percent of the ASTM D-1557 maximum dry density at a near-optimum moisture content. In addition, it is recommended that all pavements conform to the following criteria:

1. All trench backfills, including utility and sprinkler lines, should be properly placed and adequately compacted to provide a stable subgrade.
2. An adequate drainage system should be provided to prevent surface water or subsurface seepage from saturating the subgrade soil.
3. The aggregate base should be compacted to a minimum of 95 percent of the ASTM D-1557 test density.
4. The aggregate base and asphalt concrete materials should conform to the specifications stated Sections 26 and 39, respectively, of the State of California Standard Specifications, latest edition.
5. Pavement sections are prepared assuming that periodic maintenance of pavements will be done including sealing of cracks, and other measures.
6. All curbs surrounding landscape areas, should be embedded at least 6 inches below subgrade to minimize the movement of moisture beneath

pavements.

Liquefaction Potential

Liquefaction is a loss of shear strength in cohesionless soils which can occur during an earthquake. Soils most likely to be affected are saturated loose to medium-dense sands. In our opinion, because of the relatively low groundwater and the predominately cohesive soils, liquefaction at the site is relatively unlikely.

Comments on Field and Laboratory Resistivity Tests

The results of laboratory pH and resistivity tests performed on a sample of soil from the 1- to 3-foot depth are presented on Plate XIV. The tests were performed using the procedures outlined in California Methods 643-B and 532-A. Based on this information and our laboratory tests, it appears that the on-site soils have a relatively low corrosion potential. As a precaution, however, we recommend that all metal pipes have protective coatings. We also suggest that pipes be located away from electrical carriers. Pipes composed of metals having different electrical potential should also be separated since stray electrical currents could be generated.

Percolation Test Results

Two percolation tests were performed at the site of the proposed storm drainage basin to depths of 10 to 20 feet. The locations of the percolation tests are shown on the plot plan. The test holes were drilled and cased on February 3, 1988, and the tests were performed on February 5, 1988.

The percolation tests were performed using relatively clean water obtained from Kleinfelder's water truck. A head of approximately 5 feet was maintained above the

bottom of test holes. The tests were monitored for four hours with water added occasionally to maintain the desired head. The last 30 minutes of each test was used to calculate the percolation rates. The calculated percolation rates for both holes is 1-1/2 gallons per square foot per day. This is a very slow rate and the retention pond would be more of an evaporation pond than a percolation pond.

There are many factors that influence storm drain disposal. Clean water was used in our tests, whereas oil residue, silt leaves, and other deleterious material may be included in the actual storm water. Variations in soil conditions may also effect percolation characteristics. Taking into account these factors, we recommend that a Factor of Safety on the order of 2 be applied to the above values for use in design.

ADDITIONAL SERVICES

The review of plans and specifications, field observations, and testing by Kleinfelder are an integral part of the conclusions and recommendations made in this report. If Kleinfelder is not retained for these services, the client agrees to assume Kleinfelder's responsibility for any potential claims that may arise during construction. The required tests, observations, and consultation by Kleinfelder during construction includes, but is not necessarily limited to:

1. Continuous observation and testing during site preparation and grading, and placement of Engineered Fill.
2. Observation of footing excavations prior to placement of reinforcing steel.
3. Consultation as required during construction.

LIMITATIONS

1. The conclusions and recommendations of this report are for design purposes for the cogeneration facility project as described in the text of this report. The conclusions and recommendations in this report are invalid if:
   a. The design loads change.
   b. The structures are relocated.
   c. The report is used for adjacent or other property.
   d. The ADDITIONAL SERVICES section of this report are not followed.
   e. If changes of grades, and/or groundwater occur between the issuance of this report and construction.
   f. If any other change is implemented which materially alters the project from that proposed at the time this report is prepared.
2. The conclusions and recommendations in this report are based on the test borings drilled for this study. It is possible that variations in the soil conditions could exist between or beyond the points of exploration or the groundwater elevation may change, both of which may require additional studies, consultation and possible design revisions.
3. This report was prepared in accordance with the generally accepted standard of practice which exists in San Joaquin County at the time the report was written. No other warranty, expressed or implied is made.
4. It is the CLIENT'S responsibility to see that all parties to the project, including the designer, contractor, subcontractor, etc., are made aware of this report in its entirety.

We trust this report contains the information required. If you have any questions regarding this report, please contact us.

Respectfully submitted,

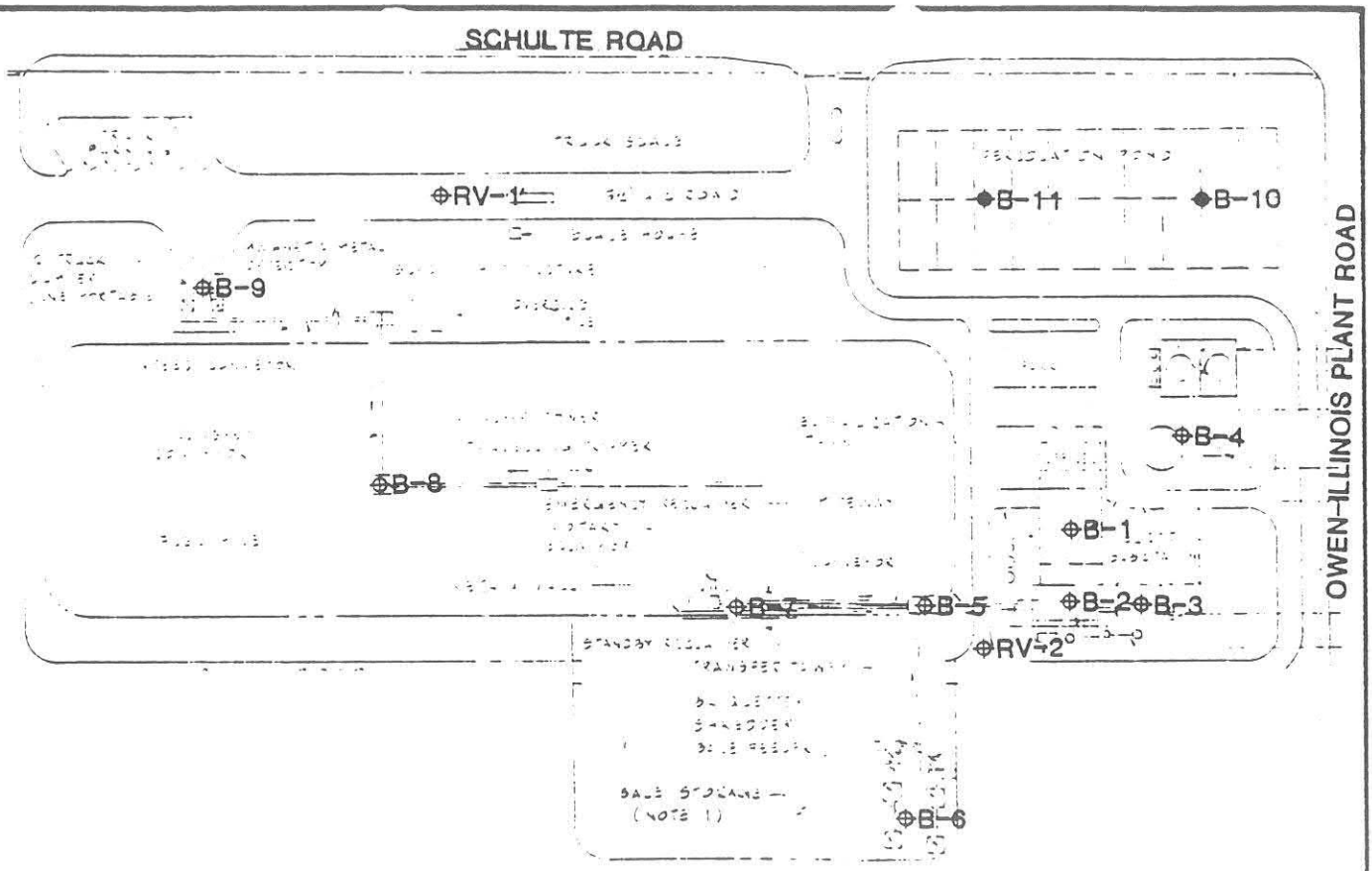
KLEINFELDER

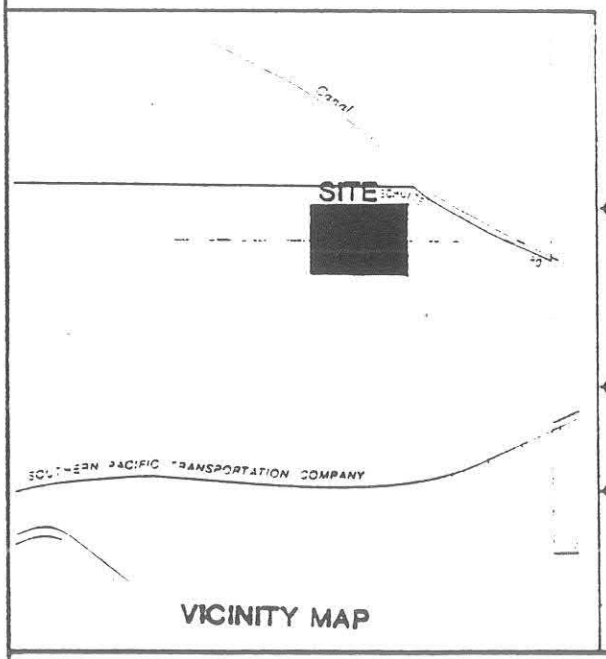
Patrick C. Dell

Patrick C. Dell, C.E.

REGISTERED PROFESSIONAL ENGINEER
PATRICK CRAIG DELL
No. 42018
Exp. 3-31-92
CIVIL
STATE OF CALIFORNIA

PCD:rls
SI65/cc: Client (2)/Community Energy Alternative/Harbert Corporation





VICINITY MAP

RV-1 Denotes Numbers and Approximate Locations of Samples Obtained for Resistance-Value Testing.

B-1 Denotes Numbers and Approximate Locations of Test Borings Drilled for this Investigation.

B-10 Denotes Number and Approximate Location of Test Boring Drilled for this investigation and for Percolation Testing

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PLOT PLAN AND VICINITY MAP
PROPOSED CONGENERATION FACILITY
TRACY, CALIFORNIA

PLATE I

PROJECT NO. 20-2977-01

M-6

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS		LTR	DESCRIPTION	MAJOR DIVISIONS		LTR	DESCRIPTION
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	GW	Well-graded gravels or gravel sand mixtures, little or no fines.	FINE GRAINED SOILS	SILTS AND CLAYS LL<50	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
		GP	Poorly-graded gravels or gravel sand mixture, little or no fines.			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
		GM	Silty gravels, gravel-sand-clay mixtures.			OL	Organic silts and organic silt-clays of low plasticity
		GC	Clayey gravels, gravel-sand-clay mixtures.		SILTS AND CLAYS LL>50	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
	SAND AND SANDY SOILS	SW	Well-graded sands or gravelly sands, little or no fines.			CH	Inorganic clays of high plasticity, fat clays.
		SP	Poorly-graded sands or gravelly sands, little or no fines.			OH	Organic clays of medium to high plasticity.
		SM	Silty sands, sand-silt mixtures.	HIGHLY ORGANIC SOILS		Pt	Peat and other highly organic soils.
		SC	Clayey sands, sand-clay mixtures.				

Standard penetration split spoon sample

Modified California sampler

Shelby tube sample

Water level observed in boring

* No recovery

NFWE No free water encountered

NOTE: The lines separating strata on the logs represent approximate boundaries only. The actual transition may be gradual. No warranty is provided as to the continuity of soil strata between borings. Logs represent the soil section observed at the boring location on the date of drilling only.

KLEINFELDER & ASSOCIATES GEOTECHNICAL CONSULTANTS • MATERIALS TESTING	BORING LOG LEGEND	PLATE II
PREPARED BY: PCD DATE: 2-29-88		
CHECKED BY: DATE:	PROJECT NO. 20-2977-01	

KLK & A Form M-12

Depth in feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
0						
					CL	Grey Brown Very Fine Sandy Clay, Moist, Soft
2			20			
					CL	Tan Very Fine Sandy Clay
4						
	113	13	34		CL	Grades Tan Very Fine to Medium Very Sandy Clay
6						
					CL	Grades Tan Very Fine Sandy Clay
8						
10			39			
					SC	Tan Very Clayey Very Fine Sand
12						
					CL	Tan Very Fine to Fine Sandy Clay
14						
			44			Grades Tan Very Fine Slightly Sandy Clay
16					CL	
18						
					CL	Grades Tan Very Fine Very Sandy Clay, Sliglty Softer
20	111	16	32			
					SC	Tan Very Clayey Very Fine to Fine Sand
22						
24						
			44		CL	Tan Very Fine Slightly Sandy Clay
26						
28					SC	Tan Clayey Very Fine to Fine Sand, Harder
30	116	12	27-6"		SC	Grades Less Clay

Continued next page

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LOG OF BORING NO. B-1

PLATE III 1 of 2

PROJECT NO. 20-2977-01

R-22

Depth in Feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
32					SC	see previous sheet
34					SP	Grades Clean Fine to Coarse Sand with Minor Small Gravel, Caving
36						Groundwater Encountered
38						
					CL	Grades Tan Very Fine to Fine Sandy Clay
40			14		SC	Grades Tan Clayey Very Fine Sand
42						BORING TERMINATED AT 41½ FOOT DEPTH. NOTES: 1. Boring Drilled on 2-3-88. 2. Groundwater Encountered at 35½'. 3. Caving Noted to 36½'.

KLEINFELDER

PROJECT NO. 20-2977-01

LOG OF BORING NO. B-1 con't

PLATE III 2 of 2

R-22

Depth in Feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
0						
			43		CL	Grey Brown Very Fine Sandy Clay, Moist, Soft
2					CL	Grades Very Stiff
4	97	5	39		CL	Grades Dark Brown Tan Clay
6					CL	Grades Tan Very Fine Sandy Clay
8						
			57		SC	Tan Very Clayey Very Fine Sand
10						
					CL	Tan Very Fine Sandy Clay
12						
14						
	110	15	28-6"			
16					CL	Grades Tan Fine to Coarse Very Sandy Clay
					SC	Tan Very Clayey Fine Sandy to Gravel
18					CL	Tan Fine Sandy Clay
20	110	15	48			
					ML	Tan Very Fine to Medium Sandy Silt
22					ML/SM	Grades Cleaner
					CL	Tan Very Fine Sandy Clay
24						
			48			
26						
28						
					CL	Grades with Fine Sand
30						

BORING TERMINATED AT 30 FOOT DEPTH.

NOTES:

1. Boring Drilled on 2-3-88.
2. No Groundwater Encountered
3. No Caving Noted.

KLEINFELDER

LOG OF BORING NO. B-2

PLATE IV

PROJECT NO. 20-2977-01

R-22

Depth In Feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
0			8		CL	Grey Brown Very Fine Sandy Clay
2						
4	104	19	25-6"			
6					CL	Grades Tan Very Fine Sandy Clay
8			32-6"			
10						
12			26		SC	Tan Clayey Very Fine Sand
14						
16						BORING TERMINATED AT 15 FOOT DEPTH. NOTES: 1. Boring Drilled on 2-3-88. 2. No Groundwater Encountered. 3. No Caving Noted.

KLEINFELDER

LOG OF BORING NO. B-3

PLATE V

PROJECT NO. 20-2977-01

R-22

Depth in Feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
2	110	17	49		CL	Grey Brown Very Fine Sandy Clay
4			41		CL	Grades Tan Very Fine Sandy Clay
6						
8					SC	Tan Very Clayey Very Fine Sand, Very Hard
10			41		CL	Tan Very Fine Sandy Clay
12						
14						
16						BORING TERMINATED AT 15 FOOT DEPTH. NOTES: 1. Boring Drilled on 2-3-88. 2. No Groundwater Encountered. 3. No Caving Noted.

KLEINFELDER

LOG OF BORING NO. B-4

PLATE VI

PROJECT NO. 20-2977-01

R-22

Depth In Feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
0						
2					CL	Grey Brown Very Fine Sandy Clay
4					CL	Grades Tan Very Fine Very Sandy Clay
6					CL	Grades Less Very Fine Sand
8					CL	Grades More Very Fine Sand
10						BORING TERMINATED AT 10 FOOT DEPTH. NOTES: 1. Boring Drilled on 2-4-88. 2. No Groundwater Encountered. 3. No Caving Noted.

KLEINFELDER

LOG OF BORING NO. B-5

PLATE VII

PROJECT NO. 20-2977-01

R-22

Depth in Feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
0					CL	Grey Brown Very Fine Sandy Clay
2			13		SC	Tan Very Clayey Very Fine to Fine Sand
4					CL	Tan Very Fine Sandy Clay
6			39		CL	Grades Harder
8						
10						BORING TERMINATED AT 10 FOOT DEPTH. NOTES: 1. Boring Drilled on 2-4-88. 2. No Groundwater Encountered. 3. No Caving Noted.

KLEINFELDER

LOG OF BORING NO. B-6

PLATE VIII

PROJECT NO. 20-2977-01

R-22

Depth In Feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
0						
			24		CL	Grey Brown Very Fine Sandy Clay
2						
4						
	109	18	39			
6					CL	Grades Tan Brown Grey Very Fine Sandy Clay
8						
10	113	15	21			
12					SC	Tan Clayey Very Fine to Fine Sand
14					CL	Tan Very Fine Sandy Clay
16						BORING TERMINATED AT 15 FOOT DEPTH. NOTES: 1. Boring Drilled on 2-4-88. 2. No Groundwater Encountered. 3. No Caving Noted.

KLEINFELDER

LOG OF BORING NO. B-7

PLATE IX

PROJECT NO. 20-2977-01

R-22

Depth In Feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
0						
2			28		CL	Grey Brown Very Fine Sandy Clay
4						
	103	12	16			
6					CL	Grades Tan Very Fine to Fine Very Sandy Clay
					CL	Grades Tan Brown Very Fine Sandy Clay
8					CL	Grades Tan Very fine to Fine Very Sandy Clay
10						

BORING TERMINATED AT 10 FOOT DEPTH.
NOTES:
1. Boring Drilled on 2-4-88.
2. No Groundwater Encountered.
3. No Caving Noted.

KLEINFELDER

LOG OF BORING NO. B-8

PLATE X

PROJECT NO. 20-2977-01

R-22

Depth in feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
0			12		CL	Grey Brown Very Fine Sandy Clay
2			19		CL	Grades Tan Very Fine to Fine Very Sandy Clay
4					CL	Grades Slighlty Less Sand
6			34		SC	Tan Slightly Clayey Very Fine to Medium Sand
8					SC	Grades Cleaner
10					SC	Grades Tan Slightly Clayey Fine to Medium Sand

BORING TERMINATED AT 10 FOOT DEPTH.

NOTES:

1. Boring Drilled on 2-4-88.
2. No Groundwater Encountered.
3. No Caving Noted.

KLEINFELDER

LOG OF BORING NO. B-9

PLATE XI

PROJECT NO. 20-2977-01

R-22

Depth In Feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
0						
2						
					CL	Grey Brown Very Fine Sandy Clay
4						
6						
					CL	Grades Tan Very Fine to Fine Sandy Clay Very Stiff
8						
10						
12						
14						
16						
18						
20						
						BORING TERMINATED AT 20 FOOT DEPTH. NOTES: 1. Boring Drilled on 2-4-88. 2. No Groundwater Encountered. 3. No Caving Noted.

KLEINFELDER

LOG OF BORING NO. B-10

PLATE XII

PROJECT NO. 20-2977-01

R-22

Depth In Feet	Dry Density lb/ft³	Moisture Content %	Blow/ Ft.	Sample No.	USCS	DESCRIPTION
0						
2					CL	Grey Brown Very Fine Sandy Clay
4						
6					CL	Grades Tan Very Fine Sandy Clay, Very Stiff
8						
					CL	Grades More Very Fine Sand
10						
						BORING TERMINATED AT 10 FOOT DEPTH. NOTES: 1. Boring Drilled on 2-4-88. 2. No Groundwater Encountered. 3. No Caving Noted.

KLEINFELDER

LOG OF BORING NO. B-11

PLATE XIII

PROJECT NO. 20-2977-01

R-6

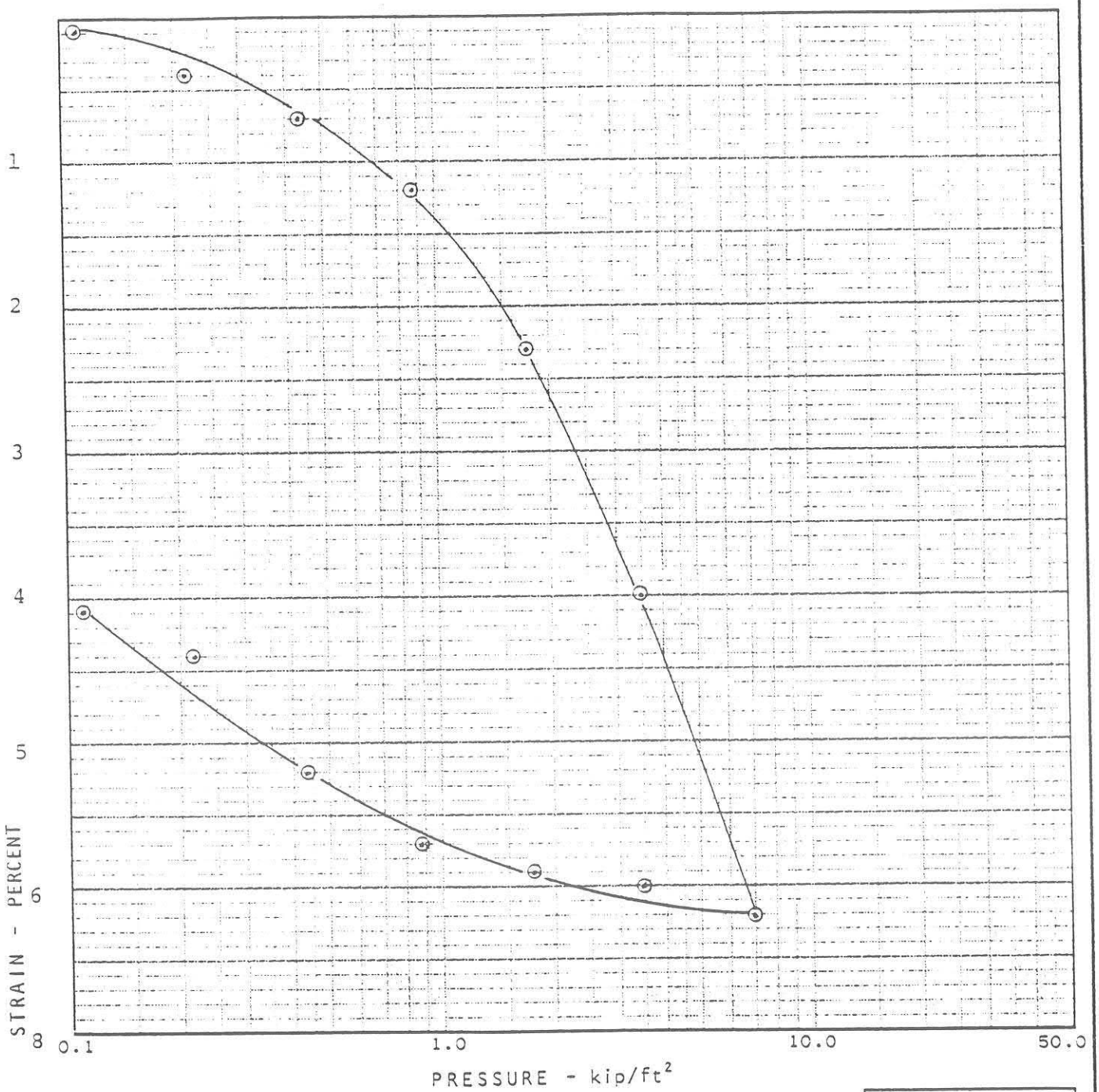
PROJECT NO. 20-2977-01

KLEINFELDER

LABORATORY TESTS

BORING NO.	SAMPLE NO.	DRY UNIT WEIGHT lb/ft³	MOISTURE CONTENT % OF DRY WEIGHT	GRADING ANALYSES: SIEVE SIZE - PERCENT PASSING 1"	3/4"	4	10	40	200	HYDROMETER ANALYSES: SILT SIZE	CLAY SIZE	COLLOIDS	ATTERBERG LIMITS: L.L.	P.I.	UNCONFINED COMPRESSIVE STRENGTH kips/ft²
B-1	5	113	13												9,406
B-1	20	111	16												
B-1	30	116	12												12,980
B-2	4	97	5												
B-2	20	110	15						63						
B-2	15	110	15												
B-3	3	104	19												
B-4	2	110	17												
B-7	5	109	18												4,334
B-7	10	113	15												
B-8	5	103	12												
B-9	7								28						
					pH		Resistivity, ohm-cm								
	RV-2				6.8		2100								

PLATE XIV



BORING NO. B-1
DEPTH 20'
SAMPLE DESCRIPTION

OVERBURDEN PRESSURE
PRECONSOLIDATION PRESSURE
COMPRESSION INDEX, C_c
RECOMPRESSION INDEX, C_r

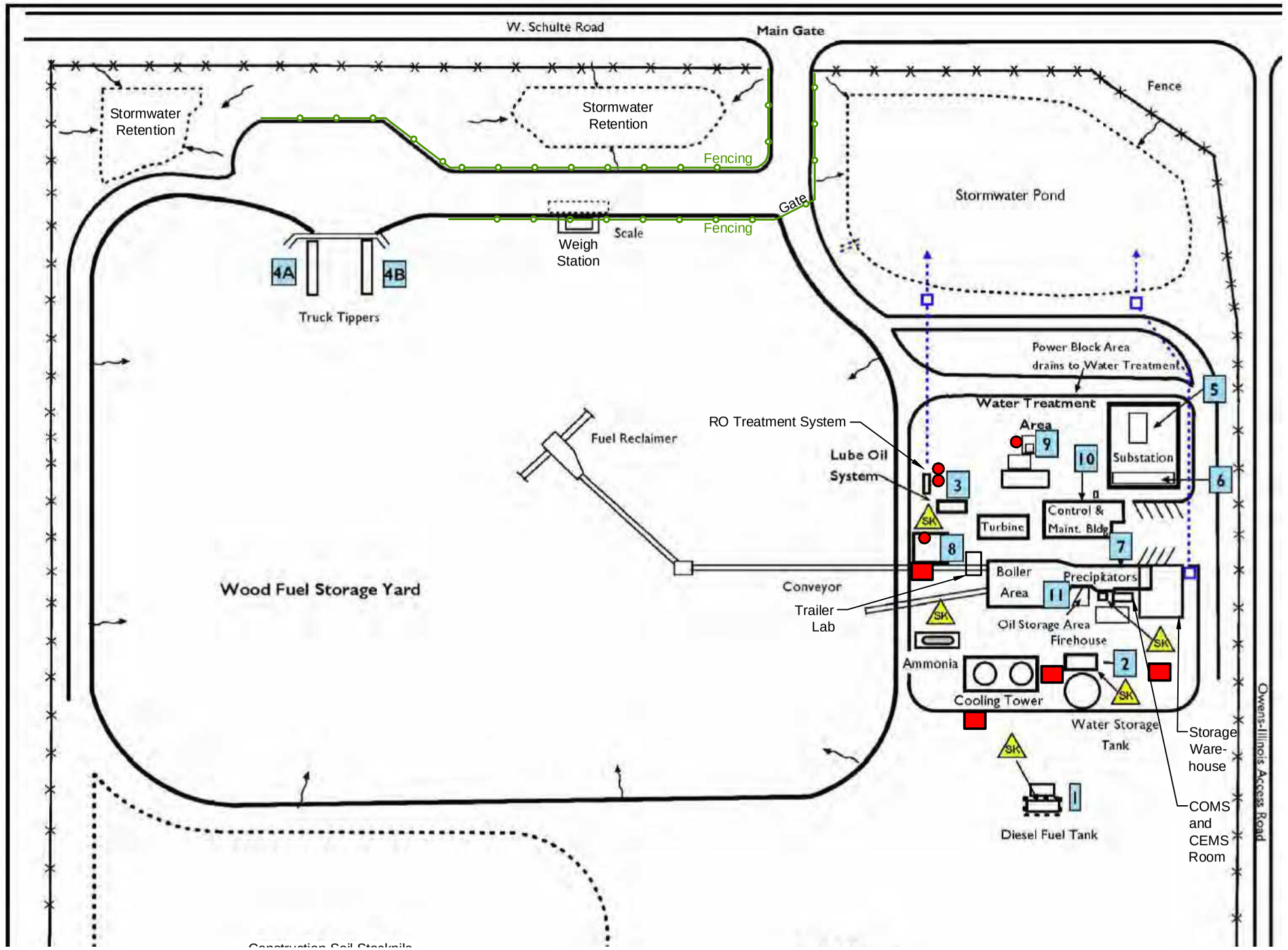
	INITIAL	FINAL
DRY DENSITY - lb/ft³	100.6	100.1
WATER CONTENT - %	20.6	20.0
VOID RATIO		
DEGREE OF SATURATION, %		
SAMPLE HEIGHT - inches	1.00	0.96

J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. 20-2977-01

CONSOLIDATION TEST

PLATE XV



LEGEND

- 2 — Oil equipment ID
- SK — Spill kit
- Fence
- Drainage - direction of flow
- Catch basin (location assumed)
- Storm drain buried piping (location assumed)
- Bulk chemical storage area
- Chemical aboveground storage tank

Note: Facility perimeter drainage swale not shown

ID No.	Equipment	Description	Capacity (in gallons)
1	Diesel Storage Tank	Two-Compartment-Double walled Steel tank	4000 (split 2000/2000)
2	Fire Pump House Tank	Single wall steel tank with concrete containment basin	300
3	Lubricating Oil Tank	Steel reservoir surrounded by concrete containment	1500
4A	Hydraulic Oil Tank for Lift #1	Steel hydraulic oil reservoir with concrete containment	220
4B	Hydraulic Oil Tank for Lift #2	Steel hydraulic oil reservoir with concrete containment	220
5	Main Transformer	Steel transformer casing with other electrical features	3520
6	Auxiliary Transformers (4))	Steel transformer casing with other electrical features	Aux #1-4160V: 253 Aux #2-4160V: 411 Aux #1-480V: 352 Aux #2-480V: 352
7	ESP Transformers (4)	Steel transform er casing w/stainless steel containment	55 each (4 total)
8	Rectifier	Steel casing w/concrete containment berm	55
9	Oil Water Separator	Fiberglass and/or fiberglass coated steel in concrete containment	611
10	Portable Diesel Tank	Welded Steel in bermed containment area	100
11	Motor Oil Tank	Welded Steel in bermed containment area	100
11	Lubricating Oil Tank	Welded Steel in bermed containment area	100
11	Hydraulic Oil Tank	Welded Steel in bermed containment area	100
11	Used Oil Tank	Welded Steel in bermed containment area	100
11	Drum Storage	DOT-rated Drums storing used oil, motor oil, lubricating oil	7 @ 55 Gal Total

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Attorney/Client Work Product

Phase I Environmental Site Assessment (ESA)

Tracy Biomass Power Plant
14800 West Schulte Road
Tracy, California

November 2, 2012

This report has been prepared for:

Akin Gump Strauss Hauer & Feld LLP
1333 New Hampshire Avenue, N.W.
Washington, D.C. 20036

Project Number 197375

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November 2, 2012
197375.0000

Charles Franklin
AKIN GUMP STRAUSS HAUER & FELD LLP
1333 New Hampshire Avenue, N.W.
Washington, D.C. 20036

RE: PHASE I ENVIRONMENTAL SITE ASSESSMENT TRACY BIOMASS POWER PLANT 14800 WEST SCHULTE ROAD TRACY, CALIFORNIA

Dear Mr. Franklin:

As requested, we have performed a Phase I Environmental Site Assessment (ESA) at 14800 West Schulte Road, Tracy, California. This report was prepared in accordance with our agreement dated September 21, 2012.

We refer you to the text of the report for details regarding this assessment. Thank you for choosing TRC to assist you. If you have any questions, please call and we will be glad to discuss them with you.

Very truly yours,

TRC SOLUTIONS, INC.

Douglas Wolf

Douglas Wolf
Principal Engineer

DW:CCM:CP

Copies: Addressee (email)
Charlie Abbott [email]

CNC:197375 phase i_biomass plant_rpt ccm 20121102.docx\

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1. EXECUTIVE SUMMARY

TRC, Solutions, Inc. (TRC), at the request of Akin Gump Strauss Hauer & Feld LLP (Akin Gump), conducted a Phase I Environmental Site Assessment (ESA) of the Tracy Biomass Plant facility, located at 14800 West Schulte Road, Tracy, California (*property*). This Phase I ESA was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (standard).

The *property* is occupied by a biomass power plant facility operated by Thermal Energy Development Partnership, LP. The *property* contains one main building referred to as the Control and Maintenance Building, a Storage Building, a separate building for emission controls referred to as the COMS & CEMs Room, a Fire Pump House, an office trailer where water samples are tested, a cooling tower, boiler, turbine area, weigh station, designated parking areas, tipping station, wood-fuel storage area, ash storage area, stormwater retention ponds, and electrical substation.

1.1 Recognized Environmental Conditions

A recognized environmental condition (REC) is defined as the presence or likely presence of any hazardous substances or petroleum products on the *property* under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the *property* or into the ground, groundwater, or surface water of the *property*.

The assessment has revealed the following RECs in connection with the *property*:

REC: Two surrounding sites were identified on the EDR report within the ASTM specified search radii. Based on the nature of these listings, the status of these listings, and/or the distance from the target *property*, these listings were determined to be a potential concern:

- The Tracy Youth Sports Park facility located at 15178 Schulte Road, approximately 0.12 miles west northwest of the *property*, is listed as an open site with the California Regional Water Quality Control Board (RWQCB). The site is noted as having impacted soil, but the records did not specify the contaminant of concern or extent of impact. The site is at an elevation equal or higher than the elevation of the *property* and may have the potential to impact the *property* depending on the extent of impact.
- Owens-Brockway Glass Container facility is located at the address of 14700 Schulte Road and borders the *property* to the south. The facility is recorded as having violations and documented spills on more than one occasion. A current impact to soil is “open” in status according to RWQCB files. During TRC’s site visit, the facility appeared to be higher in elevation from the *property* and the general topography slopes to the north, northeast indicating that the facility may be upgradient of the *property*. Records reviewed did not specify the type of contaminant(s) or extent of impact to soil and/or

groundwater and may have an impact to the *property*. In addition, the facility is also in the NEI database for emissions of HAPs.

Opinion of Impact: The type of contaminant and extent of impact for these found sites are unknown. Given the proximity of the sites to the *property*, there is a reasonable possibility that these sites may have an impact to the *property*. The glass manufacturing facility emits hazardous air pollutants which may impact the air quality of the *property*, especially if the facility were to exceed their emission limits. If a higher degree of comfort is desired, further investigation regarding the status of these neighboring sites with respect to potential impacts to the *property* should be considered.

REC: Ash has been found to contain elevated levels of heavy metals, with arsenic and lead as the primary contaminants of concern. Ash is stored on-site on an unlined area of the *property* and is exposed to stormwater and wind. Bottom ash is stockpiled on plastic sheets prior to being disposed off-site but was observed to be on the soil and was not confined to the plastic. The fly ash is also stockpiled on-site in an unlined area and was previously used as fill for some areas of the *property*. A previous Phase I and Phase II ESA conducted in 2005 determined that though the samples collected in the area of ash storage and soil beneath the ash fill was not determined to be hazardous, elevated levels of arsenic were detected above screening criteria in samples of ash used as fill.

Opinion of Impact: Detected concentrations of arsenic above established screening levels may result in cleanup action by regulatory agencies in the future. Continued storage of ash on unlined areas may still have the possibility to impact the *property* by leaching as the ash is exposed to stormwater and water from dust suppression activities over time. While previous Phase II sample results already establish low-level impacts to the *property*, if a higher degree of comfort is desired, confirmation sampling should be considered to establish current baseline concentrations before the *property* is transferred.

REC: The stormwater retention ponds are unlined and the stormwater drainage system is not protected from pollutants. Stormwater drainage conveyances were observed to be covered with sediment and debris. A stormwater management program is not implemented at the facility and the quality of stormwater runoff entering the retention pond areas is not known. Chemical storage and use areas were observed to be unprotected from stormwater. A previous Phase II ESA, conducted in 2005 by LFR, detected elevated levels of arsenic and metals in a stormwater drainage swale at the western border of the *property*. In addition, surface water in the northeastern stormwater retention pond detected elevated concentrations of arsenic, thallium, bis(2-ethylhexyl)phthalate and total petroleum hydrocarbon as diesel (TPHd).

Opinion of Impact: Pollutants from general operation areas of the *property* can easily enter the retention ponds located at the northern area of the *property*. Concentrations of contaminants were detected in a stormwater drainage swale indicating the likelihood that contaminants are conveyed through the on-site stormwater drainage system, impacting the *property*. The unlined retention ponds can also impact the *property* from

the pollutants entering the ponds. There has been no known action taken to address the detected elevated concentrations of contaminants detected in 2005 and are sources of environmental impacts to the *property*. It appears advisable that additional confirmation samples be collected to establish current soil conditions within storm drainages and conveyances throughout the *property*.

REC: An unknown white powdery residue was observed in the soil near the Filtomat Residue Tank south of the cooling tower. It appeared to be from a spill of a type of chemical.

Opinion of Impact: Type of observed material is unknown and could be a hazardous substance. It also may indicate the spill of a liquid material that may have impacted the subsurface soils in that area. TRC recommends that soil samples be collected in this area to determine if the residue is hazardous and if it has potentially impacted the *property*.

REC: Several drains and sumps convey water mixed with oils, ash or other pollutants to the oil-water separator. The drains are approximately 20 years old and the condition of the drains and sumps could not be verified.

Opinion of Impact: The drains and sumps may act as a conduit for pollutants to impact the *property* through leaks in the infrastructure of the drainage system. Further investigation to determine the current condition of the drains and sumps throughout the *property* is advisable.

REC: The *property* is permitted under Title V Clean Air Act permitting requirements and has several documented violations and deviations from their permit. The majority of the violations were associated with failure to operate under permit conditions. All violations have been resolved and addressed with the exception of one violation that is in the process of being corrected. The violation is in regards to using chemically treated wood products inconsistent with their permit language. An application to modify their Title V permit to address wood fuel contents is currently pending approval from EPA.

Opinion of Impact: Multiple violations and documented deviations from permit conditions may be indicative of facility emission source, abatement and monitoring equipment conditions. The nature of the violations appears to be continuous and may be encountered in the future. An assessment to evaluate the potential likelihood and prevention of future violations from occurring appears advisable.

REC: An old stockpile of soil located at the southwestern corner of the *property* was generated during construction of the biomass power plant around 1990. It is unknown if the stockpile contains other waste generated during the construction activity and/or if additional wastes may have been disposed of into the stockpile. During TRC's walkthrough, some construction debris was observed in the stockpile.

Opinion of Impact: Construction debris may have been disposed of in the soil stockpile which may include hazardous materials and may be a source of impact to the *property*. If off-site disposal or on-site reuse of the soil is considered, TRC recommends that soil samples be collected to confirm current soil quality of the observed stockpile.

REC: A stockpile of wooden poles was observed at the southern portion of the *property* adjacent to the construction soil stockpile and ash storage area. The poles appeared to be made of treated wood. The wood was leftover building material for the construction of the wind breakers located at the ash storage area and the wood-fuel storage area.

Opinion of Impact: The poles appeared to be constructed of treated wood, which may need to be disposed of as a hazardous waste. TRC recommends that the wooden poles be removed from the property in accordance with all applicable regulations.

REC: A crack in the oil-water separator tank was observed.

Opinion of Impact: The crack may result in leaks from the oil-water separator and should be inspected for potential tank integrity issues. An integrity tank test should be performed by a qualified professional to properly assess the condition of the tank and confirm it meets tank integrity requirements per SPCC Rule regulations and industry standards.

1.2 Historical Recognized Environmental Conditions

An historical recognized environmental condition (HREC) is defined as an environmental condition that, in the past, would have been considered a recognized environmental condition, but may or may not be considered a recognized environmental condition currently.

HREC: Past facility operations included discharge of process wastewater to the unlined stormwater retention pond located at the northeast corner of the *property*. At the time of this evaluation, the source or quality of the process wastewater that was discharged into the pond was unknown. Previous wastewater discharge permits were not known to exist for this activity. A composite sediment sample from the pond area collected during the Phase II ESA investigation in 2005 showed no evidence of impact, though surface water in the pond was found to be impacted by contaminants.

Opinion of Impact: The previous process of discharging wastewater to the northeastern stormwater retention pond without a permit may have resulted in a violation in the past. Wastewater is no longer discharged to the pond and would likely not be a cause for agency enforcement in the future. However, wastewater may have impacted the *property* depending on the contents and quality of wastewater being discharged. Sample collection of surface water and soil within the retention pond to assess current conditions should be considered.

HREC: A spill of sulfuric acid from a 2,000 gallon tank in the vicinity of the boiler occurred in August of 2008. The acid had leaked from the tank and through the concrete secondary containment. The impacted soil has been removed from the *property* and SJCEHD confirmed no impact down to 20 feet below ground surface (bgs) in September of 2008.

> **Opinion of Impact:** Records show that impacted soil from the previous spill has been cleaned up. In addition, the leaking aboveground Storage Tank (AST) has been removed from the property and is no longer in use. During the site walkthrough, TRC did not observe evidence of leaking from current sulfuric acid tanks. Though no confirmation results or summary reports regarding the cleanup were found during this Phase I ESA, it appears to have been resolved from a note in the agency files describing an agency visit during soil removal activity. This finding is not likely to impact the *property* in the future. However, obtaining written formal documentation stating no further action and/or soil confirmation results regarding this spill is recommended.

1.3 *de minimis* Issues

A *de minimis* issue is defined as a condition that generally does not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The assessment revealed the following *de minimis* issues in connection with the *property*:

- Leaking water pipes were observed throughout the facility; the largest leak was from the Fire Pump House. The leaking water was groundwater pumped from the on-site water wells and not process wastewater. The leak has been continuous for several months and has built-up large water puddles. If the leak is not corrected, the water may start to reach chemical storage and use areas. The leak also may be indicative of fire pump failure. Further assessment of the leak and repair is recommended.
- An unlabeled 5-gallon bucket of an unknown liquid was observed in the Storage Warehouse. Staining was not observed near the area where the bucket was observed and the bucket was stored on a secondary containment pallet. The material should be identified and the container should be properly labeled and stored in accordance with all applicable regulations.
- Minor cracks in the secondary containment of the ammonium hydroxide tank were observed. The cracks were minor and did not appear to penetrate through the concrete wall of the secondary containment. However, it is recommended that the integrity of the secondary containment be inspected by a qualified professional in accordance with CalARP requirements and industry standards.
- Minor corrosion in the concrete pad below the sulfuric acid AST located south of the Cooling Tower was observed. The corrosion is indicative of some minor spilling but does not appear to be due to a container leak or from a larger spill. Corrosion was not apparent on the tank. Evidence of impacts to the soil near the concrete pad was not observed. No further action is recommended at this time.

2. INTRODUCTION

TRC, Solutions, Inc. (TRC), at the request of Akin Gump Strauss Hauer & Feld LLP (Akin Gump), conducted a Phase I Environmental Site Assessment (ESA) of the Tracy Biomass Power Plant facility, located at 14800 West Schulte Road, Tracy, California (*property*). Akin Gump requested TRC's services on behalf of Greenleaf Power (Greenleaf) who is considering purchase of the *property*. This Phase I ESA was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (standard).

The *property* is occupied by a biomass power plant facility that generates electricity by a steam powered generator. The steam is generated by a boiler fueled by the burning of agricultural and urban wood waste. The facility is currently owned by Thermal Energy Developers Partnership LP (Thermal Energy). PurEnergy Management Services, LLC (PurEnergy) provides asset management services to Thermal Energy and the facility is operated by North American Energy Services (NAES). The *property* is approximately 38 acres in size, which includes outdoor storage areas, Control and Maintenance Building, Storage Building, cooling tower, boiler, fueling area, Fire Pump House, trailer, electrical substation, and stormwater retention ponds.

Charina Gaspay performed the site reconnaissance on September 26, 2012. During the site reconnaissance TRC was accompanied by Joel Lepoutre, Asset Manager with PurEnergy and Kathy Woodard, Environmental Specialist II with NAES. Charles Abbott, Katherine Fry, and Mitchell Martin of Greenleaf were also present for portions of the site walkthrough. During the site visit, additional information was provided by members of NAES staff. Doug Wolf of TRC provided project management and quality assurance for this project and was present for the initial portion of the site visit. The Environmental Professional's statement and the professional qualifications for the TRC individuals participating in this project are included in Appendix A.

2.1 Purpose

The purpose of this Phase I ESA is to identify recognized environmental conditions associated with the *property* and to satisfy "all appropriate inquiry into the previous ownership and uses of the *property* consistent with good commercial or customary practice" with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and petroleum products.

The standard practice defined in ASTM 1527-05 is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide purchaser limitations of CERCLA liability.

2.2 Scope of Services

This Phase I ESA was conducted in accordance with the scope of services and the terms and conditions specified in TRC's proposal to Akin Gump dated September 21, 2012, for a Phase I ESA (Appendix B) and, as such, meets the requirements of ASTM Standard E 1527-05, *Standard*

Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, except for the deviations and limitations discussed in Subsection 2.5, Deviations and Subsection 2.6, Limitations and Exceptions of Assessment.

2.3 Additional Services

No additional services were included with the project scope of services. A limited environmental multimedia evaluation regarding environmental compliance requirements was performed by TRC in conjunction with this Phase I ESA. Environmental records (including previous Notice of Violations (NOVs), breakdown and deviation reports, variances from permit conditions, fly and bottom ash analyses, hazardous waste inspections, etc.) were reviewed in order to assess potential issues complying with air, water, waste, and hazardous material regulations. The multimedia evaluation was limited to records provided by Avit Gump and records obtained from the environmental agencies. Summary of findings as a result of the multimedia review are provided in a separate report.

2.4 Significant Assumptions

TRC did not make any significant assumptions in the course of completing this Phase I ESA.

2.5 Deviations

No deletions or deviations from the ASTM E 1527-05 standard practice occurred or were requested by the User in conducting this Phase I ESA.

2.6 Limitations and Exceptions of Assessment

Limitations and exceptions to the Phase I ESA are discussed in the following subsections.

2.6.1 Limitations of Assessment

TRC's findings and opinions are based on information that was available and obtained at the time of this assessment through site reconnaissance, standard investigatory techniques used in the industry at the time, records review, and other related activities. It is possible that other information exists or may subsequently become known that may impact or change the *property* after TRC's observations made on September 26, 2012.

In conducting the Phase I ESA and preparing this report, TRC reviewed, interpreted, and relied upon information provided by others, including, but not limited to, Akin Gump, individuals, government authorities, subcontractors, and other entities. TRC did not perform an independent evaluation of the accuracy or completeness of such information, and TRC will not be responsible for any errors or omissions contained in such information.

In addition, the following limitations were encountered during the site reconnaissance:

- Due to material storage on certain areas of the *property*, the ground surface could not be observed in all areas of the *property*.
- Building roofs and upper levels of the cooling tower and boiler were not observed.
- The substation is managed by PG&E and was not observed during the walkthrough.

ASTM Standard E1527-05 requires research be done until the objectives of the Phase I ESA are achieved or data failure is encountered. Specific data gaps or data failures identified during the conduct of this Phase I ESA are:

- ASTM Standard E 1527-05 requires identification of all obvious uses of the *property* back to the *property*'s first obvious developed use, or back to 1940, whichever is earlier. A historical use information data failure exists since the original use of the *property* could not be identified back to the *property*'s first use, which was prior to 1916, our earliest historical record data point.

2.6.2 Significance of Data Gaps

Data gaps encountered are not expected to be of significance. Through other determined information obtained during this Phase I ESA, the limitations described above are not expected to impact the findings and conclusions of this report. Historical sources back to the first development of the *property* were not readily available earlier than 1916 and this omission is also not expected to impact the findings and conclusions of this report. The *property* was used for agricultural purposes back to 1916 and it is not likely the *property* was developed for other purposes.

2.7 Special Terms and Conditions

This "Phase I" ESA conducted at the site is a LIMITED INQUIRY into a *property*'s environmental status and cannot wholly eliminate uncertainty and is not an exhaustive assessment to discover every potential source of environmental liability, if any, at the site. Therefore, TRC cannot under any circumstances make a statement of warranty or guarantee, express or implied, that the site is free of recognized environmental conditions, environmental impairment, or that the site is "clean" or that impairments, if any, are limited to those that were discovered while TRC was performing the Phase I ESA. This limiting statement is not meant to compromise the findings of this report; rather, it is meant as a statement of limitations within the ASTM Standard and intended scope of this assessment.

2.8 User Reliance

This report, along with the findings and conclusions, either in completed form, summary form or by extraction, was prepared for, and intended for the sole use of Avit Gump, and, therefore, may not contain sufficient information for other purposes or parties. Avit Gump is the only intended beneficiary of this report. TRC understands that the report is being prepared for the express purpose of their client's due diligence requirements and it is intended that this report can be provided to Avit Gump for this purpose. The contents of this report continue to be the *property* of TRC and are protected by copyright. This report may not be disclosed to, used by,

or relied upon by any person or entity other than Avit Gump and their client Greenleaf without the express written consent of TRC.

Authorization for disclosure to a third party other than Greenleaf or authorization for third-party reliance upon this final report will be considered by TRC upon the written request of Avit Gump. TRC reserves the right to deny authorization for the disclosure of or reliance upon this report to additional third parties.

3. SITE DESCRIPTION

A description of the *property* and general vicinity characteristics are summarized in the following subsections.

3.1 Site Location and Characteristics

The *property* is located at the address of 14800 West Schulte Road, Tracy, San Joaquin County, California. The *property* is located within a rural area of the City of Tracy, mainly developed for agricultural purposes with some industrial development. Figure 1 shows the location of the *property*. Figure 1 was developed from the Tracy, United States Geological Survey (USGS) 7.5-minute quadrangle map. Figure 2 depicts the general layout of the *property*. Figure 2 was provided to TRC by Avit Gump and slightly revised to reflect site observations during TRC's site reconnaissance.

3.2 Current Uses of the *Property*

The Tracy Biomass Power Plant facility is located on the *property* and started operations in April of 1990. The *property* is currently owned by Thermal Energy. PurEnergy is the asset manager for Thermal Energy. NAES is the current facility operator and has operated the facility since 2007. The facility operates on a 24 hours per day, 7 days per week schedule and consists of 23 employees.

Primary *property* operations include receiving, storage and shipment activities; electric power generation; and equipment operations and maintenance activities. Raw materials that are primarily received include: boiler fuel (agricultural and urban wood waste), chemicals (e.g. ammonia, sulfuric acid, and sodium bicarbonate) for facility operations, and petroleum hydrocarbons (e.g. diesel fuel, motor oils and hydraulic oils) for equipment operations. Materials primarily shipped from the *property* include bottom ash as a California hazardous waste, and fly ash for agricultural fertilizing purposes.

Electrical power production is generated by a steam powered turbine generator. The steam is created by the use of a boiler which is fueled by agricultural and urban wood wastes. The boiler is a Babcock and Wilcox controlled-combustion zone boiler rated at 259 million British thermal units per hour (MMBtu/hr). Wood fuel is received from off-site and is weighed and sampled to ensure that the incoming materials meet facility specifications. Once the boiler wood fuel is

accepted, it is stored on-site and managed as stockpiles at the western area of the *property*. The boiler fuel is fed into the boiler by a conveyer system. Groundwater pumped from on-site groundwater wells is used to generate the steam that powers a turbine, to drive the electrical generator, which is rated to produce up to 20.5 megawatts (MW) of electricity. The electrical output is transferred to the on-site electrical substation operated by Pacific Gas and Electric (PG&E), which is located northeast of the Control and Maintenance Building.

Process water is managed as a closed loop system and wastewater is never discharged. Process water is cooled by an on-site cooling tower. Water treatment chemicals are added to process water as needed to control water quality parameters such as pH and scaling. Water treatment chemicals are located primarily to the east and south of the cooling tower, west of the boiler, adjacent to the turbine area, and east of the Fire House Pump. A reverse osmosis (RO) system is located northwest of the boiler and is used to treat water to make demineralized water used for the boiler. The RO system is maintained by outside vendors. Water samples are collected daily from the cooling tower and boiler to be tested for water quality parameters. Samples are analyzed in a portable office trailer located west of the boiler.

Bottom ash and fly ash are generated from boiler operations. Both types of ash have been found to contain heavy metals but in varying concentration levels. Bottom ash generated does not meet the definition of a federal hazardous waste under the Resource Conservation and Recovery Act (RCRA) but meets the definition of hazardous as a California hazardous waste (non-RCRA) primarily due to its levels of arsenic and lead. Fly ash has been found to not to be hazardous and is reused for agricultural fertilizing purposes as approved by the California Department of Food and Agriculture (CDFA). Water is added to ash for particulate/dust control and to cool the ash prior to storage on-site. Ash is collected from the boiler into dump trucks and stockpiled on-site at the southern area of the *property*.

Bottom ash is stockpiled onto a temporary liner (plastic visqueen) and sampled in accordance with the facility sampling plan. Fly ash is stockpiled separately from the fly ash and is not stockpiled on top of a liner. Ash stockpiles are managed for dust control by spraying it with water daily. Water for dust suppression is applied by a water truck. Dust control is also applied to general dirt areas of the *property*.

Emissions from the boiler are controlled by adding chemicals and use of abatement equipment. Calcium hydroxide (lime) is used to control sulfur dioxide (SO_2) and ammonia is used to control nitrogen oxides (NOx). Particulates are controlled by an electrostatic precipitator (ESP). Emissions controls are managed through the continuous opacity monitoring system (COMS) continuous emissions monitoring system (CEMS). The COMS and CEMS are housed in a separate building adjacent to the Storage Warehouse. Compressed gas such as argon, nitrogen and nitrogen air mixture are located in the COMS and CEMS Room and used for the operations of the COMS and CEMS.

Main controls for the facility is located in the Control Room located on the western portion of the second floor of the Control and Maintenance Building. The Control and Maintenance

Building also consists of office space, restrooms, a break room, and a maintenance shop. The maintenance shop is located on the southeast area of the first floor and contains a small flammable cabinet for the storage of small containers of flammable materials. Waste containing oil is generated from some activities done in the maintenance shop and is contained in small metal step cans. Oily rags are not disposed of as a non-RCRA hazardous waste but collected and washed for reuse by Aramark, an outside vendor.

Maintenance of equipment, such as forklifts and loaders, is done on-site by facility staff and outside contractors as needed. Major repairs are done off-site. A concrete pad where the majority of equipment is serviced is located adjacent to the oil storage area south of the COMS and CEMS Room building. Equipment is fueled on-site at the fueling area south of the Fire Pump House or fueled from a portable 100-gallon fuel tank, which is filled at the fueling area and taken to the larger equipment to be fueled. Equipment and vehicle washing is not done on-site.

A fire suppression system for the wood fuel is located at the wood-fuel storage area. Water used for fire suppression is supplied by on-site water wells located east of the Fire Pump House. Water for fire suppression is stored in a large 60,000-gallon water tank located south of the Fire Pump House.

3.3 Description of Structures, Roads, and Other Site Improvements on the *Property*

Primary structures, roads and other improvements on the *property* are summarized in Table 1 below.

Table 1 - Primary Structures

STRUCTURE/INFRASTRUCTURE	DESCRIPTION
Site buildings, storage sheds and trailers	Main buildings include the Control and Maintenance Building (two-story), Storage Warehouse, COMS & CEMS Room, and Fire Pump Building and are in the general operations area in the central area of the *property*. An office trailer is located at the weigh station area near the *property* entrance. An additional trailer where water samples are analyzed is located just west of the boiler area.
Major Equipment	A cooling tower, boiler and turbine are located outside as separate structures. Heavy equipment such as loaders and backhoes are generally located in the wood fuel storage and ash storage areas. A hydraulic lift station is located west of the Weigh Station and is used for truck tipping to unload wood fuel deliveries.
Building Heating/cooling system	The buildings and trailers are heated by electric powered heaters and electric powered air conditioning. The office trailers are also air conditioned and heated.

STRUCTURE/INFRASTRUCTURE	DESCRIPTION
Sewage disposal	Sanitary wastewater generated from restrooms and sinks is discharged to the on-site septic system located north of the Control and Maintenance Building. No process wastewater is discharged on-site or from the *property*. Cooling tower water is managed within a closed loop system.
Non-potable water source	Non-potable water used for facility processes and fire suppression is supplied by on-site groundwater wells located at the southeastern area of the *property*. Water is stored in a large aboveground water storage tank located south of the fire pump house. A RO treatment system is used to treat water used for the turbine. The RO system is located just west of the turbine area.
Potable water source	Potable water for drinking is shipped to the *property* by an off-site contractor. The facility is not connected to municipal water sources.
Source of electricity	Electricity is provided by PG&E.
Source of natural gas	Natural gas is not used on-site. However, the boiler may use natural gas during startup, shutdown and flame stabilization periods. Natural gas is provided by PG&E.
Paved or concrete areas	All main roadways and the parking area between the Storage Warehouse and Control and Maintenance Building are paved with asphalt or concrete. Concrete pads and berms are found throughout the facility for equipment storage and general work areas. Buildings have concrete slab foundations. The parking area north of the Control and Maintenance Building consists of dirt and gravel.
Other	A fenced electrical substation is located northeast of the Control and Maintenance Building. A conex storage container located along the western border of the *property* across the Storage Building is used for facility file storage.

3.4 Current Uses of Adjoining Properties

Current uses of the properties adjoining the *property* are as follows:

North: Agriculturally developed with observed crops.

East: Vacant lot that appeared to be developed for agricultural use.

South: Owens – Brockway Glass Container, Inc. glass manufacturing facility. The Tracy Peaker Plant, a natural gas power plant, is located further south, separated by a railway from the glass manufacturing facility.

West: Vacant lot that appeared to be developed for agricultural use.

Additional information on the current and historical use of the surrounding properties, based on records reviewed and site reconnaissance observations, is summarized in Subsection 5.1.2 and Subsection 5.4.2.

4. USER-PROVIDED INFORMATION

Akin Gump, also referred to as the "User" of this report, provided the following information about the *property*. Their knowledge was limited to the environmental documentation provided by the Seller.

4.1 Title Records

TRC was not provided title records by the User.

4.2 Environmental Liens or Activity and Use Limitations

The User is not aware of environmental liens or activity and use limitations (AULs) that exist on the *property*.

4.3 Specialized Knowledge

The User has no specialized knowledge of the *property*.

4.4 Valuation Reduction for Environmental Issues

The User is not aware of a value reduction for environmental issues for this *property*. Based on the limited documentation provided by the Seller, Avit Gump's client has not made a determination on market value of the *property* based on environmental conditions.

4.5 Owner, *Property* Manager, and Occupant Information

The User provided copies of environmental documents from the current *property* manager and occupants. Information from these sources has been incorporated throughout this report where applicable.

4.6 Reason for Performing Phase I Environmental Site Assessment

A client of Avit Gump is considering purchasing the *property*. Avit Gump hired TRC to conduct the Phase I ESA as part of their client's due diligence process.

5. RECORDS REVIEW

A discussion of the information obtained from the various environmental records and reports reviewed is summarized in the following subsections.

5.1 Standard State and Federal Environmental Record Sources

TRC reviewed various state and federal record sources to assess the environmental status of the *property* and surrounding properties. These sources list surrounding properties with identified or possible contamination, facilities that generate hazardous waste, sites with underground storage tanks (USTs), and properties involved in state and federal enforcement actions. The following information is based on information provided by Environmental Data Resources, Inc. (EDR), a computerized database service.

The database and the radii reviewed for the *property* conform to ASTM Standard E 1527-05 for Phase I ESAs. The database search is included in Appendix C.

5.1.1 *Property*

The *property* was identified on three databases reviewed by EDR. The following is a brief summary of these databases:

HAZNET database. The *property* is listed on this database under Thermal Energy Development Partnership LP, Tracy Operators, and Tracy Biomass Plant. The presence of the *property* on this database simply means that hazardous waste was generated on-site and was shipped off-site with a hazardous waste manifest. The database did not list any violations associated with hazardous waste related to the *property*. According to the EDR results, the following types of hazardous wastes were generated and disposed of off-site under the following names:

- Thermal Energy: acidic liquid waste, liquid waste oil and mixed oil, unspecified oil containing waste, and oil-water separation sludge
- Tracy Biomass: other inorganic waste
- Tracy Operators: unspecified oil-containing solid waste (non-RCRA hazardous waste), other inorganic solid waste, other organic solids

FINDS database. The *property* is identified on the FINDS database under Tracy Biomass Plant for being listed in the following databases: Aerometric Information Retrieval System (AIRS) Facility Subsystem (AFS); the National Emissions Inventory (NEI); US Emissions & Generation Resource Database (EGRID); and United States Environmental Protection Agency (EPA) Risk Management Plan (RMP) database. AIRS is the U.S. national repository for air emissions and compliance data for industrial facilities that are permitted under Title V of the Clean Air Act. The NEI database tracks facilities that emit criteria air pollutants and hazardous air pollutants (HAPs). The EGRID database tracks emissions for all power plants in the US. The RMP database tracks facilities that are required to have an RMP for the manufacture, use, or storage of certain hazardous substances under the Clean Air Act. The RMP for the *property* was developed for the bulk storage of ammonium hydroxide in a 12,500 gallon AST. Records did not indicate a violation in any of these databases for the *property*.

The *property* was also identified in the FINDS database under Tracy Operators for reporting criteria and hazardous air pollutant inventory. The *property* was not listed for any other databases or recorded for any violations under this listing in FINDS.

EMI Database. The Emissions Inventory Database (EMI) tracks emission reporting records and is maintained by California Air Resources Board (CARB) and by local Air Pollution Control Districts. The facility is shown as having emitted several tons per year of organic gases, carbon monoxide, oxides of nitrogen (NOx), oxides of sulphur (SOx), and particulate matter less than or equal to 10 micrometers (PM10) since 1990.

5.1.2 Surrounding Properties

Surrounding properties were identified within the EDR database search radius that could potentially impact the *property*. Based on the nature of the listing(s), the status of the listing(s) and/or the distance from the *property*, these listings were all determined to not have a likely impact on the *property* except for the following:

- Tracy Youth Sports Park facility located at 15178 Schulte Road, approximately 0.12 miles west northwest (WNW) of the *property*, is listed on the California Central Valley Regional Water Quality Control Board (RWQCB) Spills Leaks Investigations and Cleanups (SLIC) database. The site is an open site listed as inactive in the California State Water Resources Control Board (SWRCB) Geotracker database. The site is noted as having impacted soil but does not specify the contaminant of concern or extent of impact. The Site is at an elevation equal or higher than the elevation of the *property* and may have the potential to impact the *property* depending on the extent of impact.
- Owens-Brockway Glass Container facility is located at the address of 14700 Schulte Road, approximately 0.08 miles east of the *property*. The facility can be accessed by Schulte Road, along the eastern border of the *property* though the facility buildings and operations area borders the *property* to the south. This facility is listed under several governmental databases including RCRA-LQG, TRIS, FINDS, HIST CORTESE, LUST, SLIC, HIST UST, ENF, and WDS. The EDR search shows that the facility uses hazardous materials and generates several types of hazardous wastes in large quantities (greater than 1,000 kg per month). Hazardous wastes generated include ignitable, heavy metals (e.g. chromium and lead), and non-halogenated solvents (e.g. benzene and methyl ethyl ketone). The materials are shown to be stored both in large volume ASTs and underground storage tanks (USTs). The facility is recorded as having several NOVs and documented spills on more than one occasion. A current impact to soil is "open" in status under the Geotracker database. During TRC's site visit, the facility appeared to be higher in elevation from the *property* and the general topography slopes to the north, northeast indicating that the facility may be upgradient of the *property*. Records reviewed did not specify the type of contaminant(s) or extent of impact to soil and/or groundwater and may have an impact to the *property*. In addition, the facility is also in the NEI database for emissions of HAPs. Depending on wind direction, emissions may the reach *property*.

Based on the close proximity of these sites to the *property* and the history of these sites to have or potentially have contamination, they are listed as a Recognized Environmental Condition (REC).

5.1.3 Orphan Summary

The EDR database review also identified certain regulated activities in the vicinity of the *property* that could not be plotted on the overview map due to the lack of address information. These facilities were identified in the "Orphan Summary" of the EDR report. Based upon TRC's further review of information for these sites, reconnaissance of the area and the nature of the regulated activities, these sites were judged as not representing a significant risk of environmental impairment to the *property*.

5.2 Additional Environmental Record Sources

Environmental records were provided by Akin Gump to TRC. The records provided included regulatory correspondence, facility environmental reports, inspection reports, previous Phase I and Phase II ESA reports, emission records, and hazardous materials inventory information. The records provided were limited and primarily reflected facility environmental records dating back to 2007. Information obtained from these records has been incorporated throughout this report as applicable.

TRC contacted the local Certified Unified Program Agency (CUPA) for the *property*, which is the San Joaquin County Environmental Health Department (SJCEHD). The CUPA is responsible for enforcing state hazardous materials regulatory programs. The records provided included Hazardous Waste Program Inspection Reports, associated Return to Compliance Certifications, Aboveground Petroleum Storage Act (APSA) Program Inspection Reports, Waste Tire Survey & Inspection Reports, and Well Permit Applications. The records provided dated back to 2010. Earlier records were not provided by SJCEHD. Inspection records noted occasions of non-compliance but primarly due to administrative record keeping and not as a result of an environmental impact to the *property*. Information obtained from these records has been incorporated throughout this report as applicable.

TRC contacted the San Joaquin Valley Air Pollution Control District (SJVAPCD). SJVAPCD is responsible for enforcing state air quality regulatory programs. On October 26, 2012, TRC received electronic scanned copies of records from SJVAPCD regarding the *property*. Records provided included...

TRC contacted the Central Valley Sacramento Office RWQCB requesting records regarding the *property*. The RWQCB is the overseeing agency regarding surface and groundwater resources regulations under the SWRCB. On October 5, 2012, RWQCB staff informed TRC that they did not have any available records pertaining to the *property*.

TRC contacted the local fire department, the City of Tracy Fire Department (TFD), requesting records regarding the *property*. TFD may be involved with hazardous materials program notifications, enforcement and emergency spill response. At the time of issuance of this report, TDF had not provided TRC any records for the property.

5.3 Physical Setting Source

Information on the physical setting of the *property* was obtained from the Tracy USGS topographic 7.5-minute quadrangle map dated 1981 and the EDR GeoCheck®-Physical Setting Source Addendum (GeoCheck®). The GeoCheck® is included in the EDR database provided in Appendix E.

5.3.1 Target *Property* Coordinates

The following coordinates reflect the general central location of the *property*:

Latitude (North): 37° 43' 11.67"

Longitude (West): 121° 29' 25.80"

5.3.2 Topographic Information

The general *property* elevation is approximately 134 feet above sea level. Topography of the *property* is generally flat with a slight gradient sloping to the northeast. Areas of lower elevation on the *property* include the stormwater retention ponds at the north and the wood fuel storage area to the west, southwest areas of the *property*.

5.3.3 Hydrologic Information

Stormwater retention ponds are located at the northern area of the *property*. At the time of TRC's site visit, the retention pond located at the northeast corner of the *property* contained a relatively small amount of water. The other retention ponds were dry.

The nearest large, surface water body is the Delta Mendota Canal, which is located approximately 1.5 miles west of the *property*. The California Aqueduct is located further west and is approximately 2 miles from the *property*. An irrigation canal is located approximately 1,500 feet east of the *property*.

The *property* was not identified as being located within a 100 or 500-year Federal Emergency Management Agency (FEMA) flood zone. The *property* was not identified as having wetlands on-site and was not identified in the National Wetlands Inventory (NWI) database.

5.3.4 Hydrogeologic Information

Site-specific hydrogeologic information was not available through GeoCheck® or other information reviewed by TRC. Groundwater used for facility operations and the facility fire suppression system is pumped from two groundwater wells located at the southeast area of the *property*. Groundwater levels for the area are reportedly around 170 to 200 feet below ground surface (bgs).

5.3.5 Geologic Information in General Area of *Property*

Geologic information in the general area of the *property* is summarized as follows:

Rock Stratigraphic Unit	
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q
Geologic Age Identification	
Category:	Stratified Sequence

5.3.6 Dominant Soil Composition in General Area of *Property*

The dominant soil composition in the general area of the *property* is summarized as follows:

Soil component name:	Capay
Soil surface texture:	Clay
Hydrologic group:	Class D – Very slow infiltration rates. Clayey, high water table or shallow to an impervious layer.
Soil drainage class:	Moderately well drained

5.3.7 Local/Regional Water Agency Records

Local/Regional water agency records were identified within a one-mile radius of the *property* through GeoCheck®. This water well information provides an indication of sources that may impact groundwater flow direction in the area and sources that could be impacted by contamination migrating within the search area.

GeoCheck® researched wells located within a mile radius of the *property*, registered on the federal USGS wells database, the federal reporting data system (FRDS) public water system (PWS) database, and the state well database. Other state database well information was also searched for other types of wells such as oil wells. The wells identified on these databases are summarized as follows:

- Four wells are listed on the federal USGS wells database
- No wells are listed on the federal FRDS PWS database
- Three wells are listed on the state well database
- Two oil/gas wells were identified as being within a 0.5 to 1.0 mile radius from the *property*.

The *property* was not identified on these databases as having any wells on-site though there are two known wells located on the *property*. The wells identified within the search radius of the *property* have the potential to impact groundwater flow direction in the area depending on the size and operation of the wells. These wells also have the potential to be impacted from any groundwater contamination that may exist within the search radius area.

5.3.8 Radon

Site-specific information regarding radon for the *property* was not available. Federal area radon information for San Joaquin County shows that average levels were found at 2.53 picocuries per liter (pCi/L) at first floor levels and that 90 percent of the data was below 4 pCi/L, the EPA recommended action level for radon.

5.4 Historical Use Information

Historical sources were consulted to develop a history of the previous uses of the *property* and surrounding area, in order to help identify the likelihood of past uses having led to recognized environmental conditions (RECs) in connection with the *property*.

Historical sources reviewed included:

- Aerial photographs obtained from EDR for the years 1957, 1968, 1974, 1982, 1993, 1999, 2005 and 2006.
- Historical topographic maps obtained from EDR for the years 1916, 1922, 1947, 1954, 1968, and 1981. Adjoining topographic maps for the years 1907, 1942, 1953, 1968, and 1980 were also reviewed.
- Sanborn Fire Insurance Maps searched for by EDR. No Sanborn maps were available for the *property*.
- City directories obtained from EDR for the period of 1959 through 2000.
- Chain of Title records obtained from EDR for the period 1947 to 1988.
- Historical information shared by NAES staff and Joel Lepoutre of PurEnergy.

Copies of available historical documentation obtained by EDR are presented in Appendix D.

5.4.1 General *Property* Use

The following is a summary of the general historical uses of the *property*:

YEARS	*PROPERTY* USE
Prior to 1955	Historical topographic maps indicate that no structures were developed on the *property* and that it was in an area generally developed for agricultural purposes. From 1947 to 1955, the *property* is listed as being owned by Annette Egesdal who obtained the *property* from Sacramento Northern Railway in April of 1947.
1955 to 1988	Row crops are depicted on the *property* in historical photographs during this time frame. A dirt road that transects the *property* from the northwest to southeast can be seen. In 1955 the *property* was transferred to Karl Schulties who owned it until 1970, when it transferred to Standard Realty and Development Company. In 1979 the *property* was owned by Owens Illinois, Inc. until 1988 when it was purchased by Thermal Energy Development Partnership LP.
1988 to the present	The biomass power plant was constructed starting in 1988 and has been in operation since 1990.

5.4.2 General Surrounding Area Use

The following is a brief summary of the general historical uses of the surrounding area:

YEARS	SURROUNDING AREA USE
Prior to 1957	The area immediately surrounding the *property* appears to have been predominantly agriculturally developed. Railroads exist to the south and northeast of the *property*. A PG&E power line was constructed south of the *property* and the City of Tracy has been developed northeast of the *property*.
1957 to 1968	The surrounding area remains predominantly developed for agricultural purposes. Irrigation canals in the general area vicinity have been constructed. An industrial facility adjacent to the south of the *property* was constructed. A building structure was constructed in the adjoining property to the west and appears to be related to agricultural activity. Schulte Road to the north is developed but appears to be a dirt road.
1968 to 1990	The surrounding area to the north, east and west remained predominantly developed for agricultural purposes. The adjoining property to the south appears to have expanded the facility. Schulte Road and other major roadways as seen today were developed.
1990 to Present	The surrounding area appears to be similar to present conditions. The area surrounding the *property* remains predominantly used for agricultural purposes with the exception of the glass manufacturing facility and natural gas power plant to the south of the *property*.

5.4.3 Data Failure

A historical use information data failure was encountered since the original use of the *property* could not be confirmed back to the *property*'s first use, which was prior to 1916, our earliest historical record data point. It is unknown when the *property* was first developed for agricultural crop production purposes.

5.5 Previous Reports

A Phase I ESA and Phase II ESA were conducted on the *property* in 2005 by LFR Levine Fricke (LFR). Findings of the Phase I and Phase II investigations were presented in reports dated January 17, 2006 and February 23, 2006, respectively. Copies of these reports were provided to TRC by Akin Gump. Several RECs were identified in LFR's Phase I ESA report. RECs described included:

- Observed minor release of hydraulic oil;
- Observed minor release of phosphoric acid from a leaking container;
- Unpaved fueling station;
- Storage of arsenic containing ash on unlined areas of the facility;
- The possibility of the presence of herbicides and pesticides from historical agricultural uses of the *property*;
- Observed storage of chemical materials without secondary containment, with observed staining in storage areas; and
- Unknown condition of the oil-water separator.

A Phase II ESA investigation was conducted to assess the shallow subsurface condition of the *property* in accordance with the findings of the Phase I ESA. A total of 34 shallow (0 to 5 feet bgs) soil samples were collected. Soil samples were collected from test pits where ash was stored, select operational areas, and surface water runoff control areas. Surface water samples were also collected from the stormwater retention pond, which contained water at the time of the investigation. Samples were tested for the presence of metals, hydrocarbons, semi-volatile organic compounds (SVOCs), volatile organic compounds (VOCs), pesticides, herbicides, dioxins, and furans. Sample results were compared to applicable environmental screening levels (ESLs).

Findings of the Phase II investigation stated that the data collected did not indicate significant impacts to soil quality. Detected concentrations were "generally relatively low and below applicable screening criteria..." More specific findings from the report included the following:

- Concentrations of arsenic were detected above screening criteria in samples of ash used as fill near the ash storage area, but likely did not leach to soil at depths of approximately 1 feet below the ash layer.
- Soil near the hydraulic lifts used for truck tipping was found to be impacted by hydraulic oil. LFR recommended that the hydraulic lifts be repaired, inspected

periodically to prevent additional releases, and excavation of the impacted soil be considered.

- Total petroleum hydrocarbons in the diesel range (TPHd) were detected above the ESL in a soil sample (SSS-24) collected from the Plant Area, but no further recommendations were made to address the finding.
- Arsenic was detected above the calculated background concentration in a surface soil sample (SSS-14) collected from a drainage swale along the western border of the *property*. LFR recommended that the extent of ash, which may have been the likely source, be further evaluated.
- Arsenic, thallium, bis(2-ethylhexyl)phthalate and TPHd were detected in a surface water sample collected from the stormwater retention pond. All detected concentrations, except for bis(2-ethylhexyl)phthalate, were found to be below ESLs for Freshwater Habitat Goals. Bis(2-ethylhexyl)phthalate was detected above the ESL of 32 ug/L in two surface water samples collected from the stormwater retention pond. However, no recommendations were made in the Phase II report.

6. SITE RECONNAISSANCE

The objective of the site reconnaissance was to obtain information indicating the likelihood of identifying recognized environmental conditions (RECs) in connection with the *property*. Observations obtained during the site reconnaissance are discussed in the following subsections.

6.1 Methodology

On September 26, 2012, Charina Gaspay of TRC conducted a walk-through of the *property*, the Tracy Biomass Power Plant located at the address of 14800 West Schulte Road, Tracy, California. In addition, James Ryan of TRC also performed the walk-through with Ms. Gaspay to address the limited environmental multimedia scope conducted in conjunction with this Phase I ESA. During the walk-through, both Ms. Gaspay and Mr. Ryan were accompanied by Katherine Fry of Greenleaf and Kathy Woodard of NAES. Doug Wolf of TRC, Charles Abbott of Greenleaf, Mitchell Martin of Greenleaf, and Joel Lepoutre of PurEnergy were present for the first half of the walkthrough. Ms. Woodard is an Environmental Specialist II for NAES and was the main guide for the walkthrough of the *property*. Additional information was provided by Joginder Khalsa who is the Plant Engineer with NAES, John Puskas who is the Operations and Maintenance Manager with NAES, and Ken Bourgeois who is the Control Room Operator with NAES. The purpose of the walkthrough was to visually inspect the *property*, including *property* buildings, for potential environmental concerns, including, but not limited to, the following issues:

- Hazardous substances
- Petroleum products
- Waste management activities
- Evidence of potential hazardous substance or petroleum products spills or releases (*e.g.*, stressed vegetation, discolored soil, etc.)

- USTs (*e.g.*, protruding fill or vent pipes)
- Equipment potentially containing polychlorinated biphenyls (PCBs)
- Potential-*property* or adjacent-*property* activities that could affect the environmental condition of the *property*

6.2 Site Reconnaissance Limitations

The following limitations were identified during the site reconnaissance:

- Due to material storage in several outdoor areas, such as stockpile storage of wood fuel and ash, the ground surface could not be observed in all areas of the *property*.
- Vegetation was observed in areas bordering the stormwater drainage areas and not all areas were walked through for close observation.
- The substation pad was not observed by TRC during their site visit. This area is fenced and managed by PG&E.
- Building roof areas and upper levels of the cooling tower and boiler were not observed.

6.3 Site Reconnaissance Findings

The following subsections describe site reconnaissance findings observed regarding current interior and exterior uses of the *property*. Past uses are also described, to the extent that indications of past uses of the *property* were visually observed or were identified in the interviews with the site representative(s). Photographs taken during the site reconnaissance are included in Appendix E.

6.3.1 Hazardous Substances and Petroleum Products

The primary, current and past uses of hazardous substances and petroleum products on the *property* are summarized below.

Current Use

Observed materials used within the *property* that are hazardous or contain hazardous chemicals are listed in Table 2 below.

Table 2 - Hazardous Materials Usage

CHEMICAL	CONTAINER			GENERAL LOCATION	SECONDARY CONTAINMENT
	VOLUME	TYPE	QTY		
Acetylene	338 cubic feet	Compressed Cylinder	5	COMS & CEMS Room and Maintenance Shop	N/A
Ammonium Hydroxide (24.5%)	12,500 gallons	Metal AST	1	Cooling Tower (west of)	Concrete Berm

CHEMICAL	CONTAINER			GENERAL LOCATION	SECONDARY CONTAINMENT
	VOLUME	TYPE	QTY		
Argon	325 cubic feet	Compressed Cylinder	2	COMS & CEMS Room and Maintenance Shop	N/A
Calcium Hydroxide	20,000 gallons	Silo AST	1	Boiler (west of)	None
ChemTreat BL100	55 gallons	Plastic Drum	6	East of Fire Pump House	Pallet
ChemTreat CL-1365	55 gallons	Plastic Drum	3	East of Fire Pump House	Pallet
ChemTreat CL-1280	400 gallons	Plastic AST (tote)	2	Boiler and Cooling Tower	Pallet
ChemTreat CL-2212	105 gallons	Plastic AST	1	Cooling Tower	Pallet
ChemTreat CL-2150	105 gallons	Plastic AST	1	Cooling Tower	Pallet
ChemTreat CL-4802	400 gallons	Plastic AST	1	Cooling Tower	Pallet
Diesel Fuel	4,000 gallons	Metal AST	1	Fueling Station	Double-walled tank
Diesel Fuel	300 gallons	Metal AST	1	Fire Pump House	Concrete berm
Diesel Fuel	100 gallons	Metal Tank	3	Portable – stored at Oil Storage Area	Concrete berm – when not toted around.
Grease Lube	30 gallons	Plastic drum	1	Oil Storage Area	Concrete berm
Hydraulic Oil	100 gallons	Metal AST	1	Oil Storage Area	Concrete berm
Hydraulic Oil	55 gallons	Plastic drum	2	Oil Storage Area	Concrete berm
Hydrogen Peroxide	325 gallons	Plastic AST	2	Oil-Water Separator	Concrete Berm
Lubricating oil	1500 gallons	Turbine Reservoir	1	Turbine	Concrete berm
Mineral Oil	3600 gallons	Transformer Reservoir	1	Substation	Concrete berm (not observed)
Motor Oil	100 gallons	Metal AST	1	Oil Storage Area	Concrete berm
Motor Oil	55 gallons	Plastic drums	2	Oil Storage Area	Concrete berm
Nitrogen	250 cubic feet	Compressed Cylinder	1	COMS & CEMS Room	N/A
Nitrogen Gas Mix	150 cubic feet	Compressed Cylinder	14	COMS & CEMS Room and Maintenance Shop	N/A
Oxygen	151 cubic feet	Compressed cylinder	8	COMS & CEMS Room and Maintenance Shop	N/A
Sodium Bicarbonate	70,000 gallons	Silo AST	1	Boiler (west of)	None
Sodium Hydroxide	5 gallons	Plastic Bucket	1	Boiler (west of)	Concrete pad

CHEMICAL	CONTAINER			GENERAL LOCATION	SECONDARY CONTAINMENT
	VOLUME	TYPE	QTY		
Sodium Hypochlorite (12.5%)	1050 gallons	Plastic AST	1	Cooling Tower	Double-walled tank
Sodium Phosphate	400 gallons	Plastic AST (tote)	1	Boiler	pallet
Sodium Phosphate	55 gallons	Plastic drum	1	East of Fire Pump House	pallet
Sulfuric Acid	5,000 gallons	Plastic AST	1	Cooling Tower	Double-walled tank
Sulfuric Acid	55 gallons	Plastic drum	2	Evaporator & East of Fire Pump House	Concrete berm
Transmission Oil	100 gallons	Metal AST	1	Oil Storage Area	Concrete Berm

Hydrogen peroxide was observed as being stored in the secondary containment of the oil-water separator tank. According to Mr. Puskas, the hydrogen peroxide was to be used during the facility-wide shut-down for cooling tower water treatment. The chemical is being tested for effectiveness and will be used in the future if proven to be effective.

Past Use

Hazardous substances and petroleum products used prior to NAES and PurEnergy's occupancy of the *property* could not be confirmed. However, Mr. Lepoutre and Ms. Woodard stated that they believed that much of the processes have not changed since they took over operation activities at the *property*.

6.3.2 Underground Storage Tanks

There are no known USTs on the *property*. Ms. Woodard and Mr. Lepoutre were not aware of any current or past historical USTs ever existing on the *property*.

6.3.3 Aboveground Storage Tanks

Several large ASTs are stored on-site. A summary of the ASTs showing the type of chemical, volume capacity, location, and general observations made at the time of the site visit is provided in Table 3 below.

Table 3 - Aboveground Storage Tanks

CHEMICAL	TANK TYPE	LOCATION	PURPOSE	OBSERVATIONS
Ammonium Hydroxide (25%)	12,500 gallon Metal AST	West of the Cooling Tower	Emissions control to reduce NOx emissions.	A concrete berm provides secondary containment around the tank. Minor cracks in the concrete berm were observed. As an additional passive release mitigation measure, the secondary containment was filled with plastic-vapor suppression media. A thick layer of sediment was observed in the secondary containment. The size of the AST qualifies the facility to implement and maintain a Level 1 Risk Management Plan associated with the ammonia AST.
Calcium Hydroxide	32,000 lbs Cylindrical Silo	West of Boiler	Emissions control to reduce SOx Emissions	No observations noted.
Diesel Fuel	300 gallon Metal AST	Inside Fire Pump House	To fuel emergency generator for the fire suppression system	Concrete berm was observed to contain some moisture but was from a leaking water pipe.
Diesel Fuel	4,500 gallon Metal AST	South of Fire Pump House	Equipment fueling	AST is a double-walled tank and is on a concrete pad. The tank replaced a previous diesel tank and gasoline tank. Minor staining on concrete pad was observed.
Sodium Carbonate	87,000 lbs cylindrical silo	West of Boiler	Emissions control purposes	AST is on a bermed concrete pad. No observations noted.
Sodium Hypochlorite	1,050 gallon plastic AST	East of Cooling Tower	Water treatment	Double walled tank. No observations noted.
Sulfuric Acid	5,000 gallon plastic AST	South of Cooling Tower	Water treatment purposes.	Double walled tank on concrete pad. Minor corrosion observed on concrete pad.
Water	60,000 gallon metal AST	South of Fire Pump House	Water is used for fire suppression and process water.	Leak from fire water pump was seen around the tank.

CHEMICAL	TANK TYPE	LOCATION	PURPOSE	OBSERVATIONS
Water	10,000 gallon metal AST	West of Boiler	Water is used for boiler process water	The two water tanks are secured both on concrete pads.
Filtomat Residue	Metal AST (volume unknown)	South of Cooling Tower	Previously used for dust control	This AST was not in use and was empty. The piping associated with the tank appeared to be corroded.

Two-empty plastic ASTs (approximately 1,000 gallon volume) were observed at the south side of the cooling tower. According to Mr. Puskas, these tanks are no longer used and need to be removed from the *property*. According to Mr. Lepoutre, a 2,000 gallon AST of sulfuric acid was removed from the *property* in August of 2008. According to SJCEHD records, sulfuric acid had leaked from the AST, breached the concrete secondary containment and impacted the soil. The leak was due to corrosion at the bottom of the tank, which then caused the acid to corrode the concrete secondary containment. Impact to soil was localized to the area beneath the tank. The tank was removed from the *property* and impacted soil was cleaned up. SJCEHD inspection notes dated September 8, 2008 stated that soil pH was tested down to 20 feet bgs found no impact from sulfuric acid.

6.3.4 Waste Generation Associated with Hazardous Substances and Petroleum Products

The primary, current and past waste generated, associated with hazardous substances and petroleum products used on the *property*, is summarized below.

Current Waste Generation

Wastes routinely generated at the site associated with hazardous substances or petroleum products include bottom ash, used waste oils, oil containing wastes, oil sludge, and universal wastes.

Fly ash and bottom ash are produced from boiler processes. Both fly ash and bottom ash are cooled and moistened with water and then transferred to a dump truck. Ash is then transferred to the ash storage area at the southeastern area of the *property* where bottom ash is stockpiled and stored separately from fly ash. Bottom ash has been found to contain heavy metals, with arsenic and lead being the primary metals of concern. Composite samples of both types of ash are collected in accordance with the facility sampling plan. Bottom ash is sampled on a monthly basis and fly ash is sampled quarterly. Analytical results are reviewed by the Plant Engineer and the ash is disposed of accordingly. Bottom ash typically detects concentrations of arsenic and lead and must be disposed of off-site as a California non-RCRA hazardous waste. The bottom ash does not meet the federal definition of a RCRA hazardous waste and the facility is not considered a Large Quanity Generator (LQG) of RCRA hazardous waste.

Ash determined to be nonhazardous (i.e. fly ash) is reused off-site for other purposes such as fertilizer material.

Waste oil is generated by on-site activities and is stored in 55-gallon drums in the oil storage and service station area. Solid wastes containing waste oil is also generated from facility operations and maintenance activities and includes waste oil filters and debris containing waste oil. Waste oil from the oil-water separator is disposed of off-site. Sludge from the oil-water separator is cleaned out for routine maintenance and shipped off-site.

Universal wastes generated at the *property* include used bulbs, lead-acid batteries, and aerosol cans. Used batteries are stored in the Control and Maintenance Building, used bulbs/lamps are stored in the Storage Warehouse. There were no waste aerosol cans observed at the time of the site visit, but Ms. Woodard indicated that they are generated from time to time and stored either in the Storage Warehouse or maintenance shop. E-waste has also been generated at the facility, but none were present at the time of the site visit. Universal wastes are disposed off-site through a local vendor.

General waste from the offices and other non-hazardous wastes are disposed of off-site to the local municipal landfill. Waste management services are provided by the City of Tracy Public Works. Recycling is not done on-site.

Past Waste Generation

To Ms. Woodard and Mr. Lepoutre's knowledge, they are unaware of different types of wastes that may have been generated on-site prior to their occupancy. They did state that they were told that process water was previously discharged to the stormwater retention pond at the northeast corner of the *property* by the former occupants. Currently, no process or waste waters are discharged. Process water is recycled through a closed loop system.

A large stockpile of soil is located at the southwestern corner of the *property*. According to Mr. Lepoutre, the stockpile of soil was generated during facility construction activity done around 1990. He was not aware of the soil stockpile ever being tested or if it contained other types of waste from construction activity or facility processes. During the walkthrough, TRC observed some materials in the stockpile.

A pile of wooden poles were observed just east of the construction soil stockpile. The wood appeared to be treated. According to Mr. Lepoutre, the poles are extra material used for the construction of the wooden-wind breaker structure located at the ash storage area and at the eastern boundary of the wood fuel storage area.

6.3.5 Drains and Sumps

Current Use

All stormwater runoff is maintained on-site through a system of stormwater drainage swales located throughout the *property* and stormwater retention ponds located at the northern portion of the *property*. There are a few underground storm drainage piping that carries runoff from the main operation areas of the *property* towards the main stormwater pond at the northeast corner of the *property*. The facility does not discharge off-site and is not under the requirements of a National Pollutant Discharge Elimination System (NPDES) stormwater permit or Waste Discharge Requirement (WDR) permit.

Stormwater drain inlets and conveyances were observed to be unprotected and covered in sediment. A system of subsurface drains was observed below the general operations area (boiler and turbine areas). The drains lead to what is referred to as the "clear water well", which is connected to the oil-water separator located northwest of the Control and Maintenance Building. A drain was also observed at the bermed concrete pad of the oil storage area and one at the concrete pad for the service station area. Ms. Woodard was not sure where the drains lead to, if they did at all, and are likely sumps. The conditions of these drains were not verified. No evidence of pollutants (e.g. sheening or strong odor) was observed around the drains.

A sump was observed in the boiler area to be overflowing with what appeared to be a mixture of water and ash. Mr. Ken Bourgeois, the Control Room Operator, informed us that the sump is approximately 12 to 14 feet deep. Wood chips from the boiler easily build up and clog the sump and is difficult to clean out. The water was observed to be contained by a concrete berm. Evidence of water impacting soil outside of the concrete pad was not observed.

Past Use

Ms. Woodard, Mr. Lepoutre, and Mr. Bourgeois were not aware of any prior use of drains or sumps at the *property* different from the current uses described above. They were also not aware of any historical drains or sumps on the *property*. During the site walkthrough, TRC did not observe any evidence of any historical drains or sumps.

6.3.6 Pits, Ponds and Lagoons

Current Use

Stormwater retention ponds are located at the northern border of the *property*. The main stormwater retention pond is located at the northeast corner of the *property*. According to Ms. Woodard, the *property's* land use permit provides that the stormwater retention ponds must be designed to hold a total of

480,000 cubic feet of stormwater runoff. Records to confirm the volume capacity of the retention ponds were not available. Dredging or routine maintenance of the retention ponds has not been done to the knowledge of Ms. Woodard or Mr. Lepoutre.

All drainage areas were dry at the time of TRC's site visit with the exception of the main stormwater retention pond at the northeast corner of the *property*. Water pooled in the retention pond appeared to be green from algae. No signs of pollutants in the water were visually observed. Damp drainage pathways to the retention areas were observed. Rain had not recently occurred at the time of the site visit and it was unclear where the water was draining from. The water is likely from dust suppression activity but could not be confirmed. No signs of staining, strong odors, or stressed vegetation in the stormwater drainage or retention areas were observed.

Past Use

Ms. Woodard or Mr. Lepoutre was not aware of any historical use of pits, ponds or lagoons on the *property*, with the exception of process water being previously discharged to the main stormwater pond. They did not know the contents and quality of the process water that was previously discharged to the pond. Evidence of other pits, ponds, or lagoons was not observed on the *property* by TRC.

6.3.7 Polychlorinated Biphenyl Containing Equipment

Current Use

PCBs are typically found in oil-filled electrical equipment, such as transformers, capacitors, fluorescent light ballasts or heat transfer equipment manufactured prior to 1979. The facility was built in 1990 and the presence of PCBs on the site is unlikely.

What appeared to be an old pad-mounted transformer was observed in the vicinity of the Fire Pump House, but it was unclear if it was in operation. Labeling to indicate whether the item was a transformer or not, was not observed. Stickers indicating that it was PCB-free, was also not observed. Ms. Woodard did not believe it was currently in use. The main electrical transformer and four auxiliary transformers are located within the substation located at the eastern area of the *property* just northeast of the Control and Maintenance Building. The substation is managed by PG&E and TRC did not observe the area. Transformers for the electrostatic precipitators (ESP) are located with the ESPs above the COMS and CEMS building.

Past Use

Past use of PCB's on-site is unknown, but was unlikely used on the *property* due to the nature of historical activities and relatively recent construction of the facility.

6.3.8 Stained Pavement and Soil

Small areas of stained pavement were observed throughout the *property*. All stains observed were minor and did not appear to be from large spills or leaks. Stains observed included minor staining from vehicles in the paved parking areas and roadway near the weigh station. Concrete pads in the main operations area had localized small staining from equipment blow-down or minor drips from chemical storage containers. Concrete pads for the fueling area, service station pad, and oil storage area had minor stains.

Puddles were observed in the dirt roadway near the chemical storage area and towards the diesel tank. Water may have been from the leaking water pipes associated with the fire pump. A puddle was found to be tinted in a brown and yellowish color. It was unclear if coloring was due to the presence of pollutants; no odor or sheening was observed.

Staining and some corrosion below the sulfuric acid AST located on the south side of the cooling tower was observed. Corrosion & staining was minor and integrity of the concrete pad did not seem to be compromised.

A white powdery residue was observed in the soil near the Filtomat Residue tank at the south side of the cooling tower. It was unknown what the substance was.

6.3.9 Areas of Dead, Distressed, Discolored, or Stained Vegetation

Areas of dead, distressed, discolored or stained vegetation were not observed on the *property*.

6.3.10 Fill Materials

According to the previous Phase I ESA report (LFR, 2006), fly ash was used as fill around the southern portions of the *property*. During the Phase II investigation (LFR, 2006), the ash fill area was determined to be approximately 3 feet thick. The fill area was sampled and found to be non-hazardous, but with elevated levels of arsenic and lead detected. A sample of soil was collected at a depth of approximately 1 foot below the ash fill area and was not found to be impacted by metals.

A stockpile of soil from facility construction is located at the southwest corner of the *property*. The soil is from previous grading activity during the construction of activity done around 1990. Some debris was observed in the stockpile and it was unclear if any construction waste may have been mixed with the soil. The stockpile is fairly large and is left uncovered or unprotected.

6.3.11 Smells of Chemical Gases, Petroleum Products, or Noxious Odors

No strong odors of chemical gases, petroleum products, or noxious fumes were encountered during TRC's site visit.

6.3.12 Unidentified Containers

No unidentified containers of materials were observed during the site reconnaissance with the exception of a 5-gallon plastic bucket that was unlabeled. The container was stored in the storage building and appeared to contain a liquid. The lid could not be opened to determine the contents. The bucket was stored with other materials, such as chelating agents, on a secondary containment pallet.

6.3.13 Wells

Two groundwater wells are located at the southeastern area of the *property i*n the vicinity of the water storage tank and fire pump house. The wells pump groundwater to the water tank and the non-potable water is used for facility operations and fire suppression purposes. The wells were not found on the EDR search and additional well information was not provided to TRC. Ms. Woodard and Mr. Lepoutre were not sure when the wells were installed. According to the previous Phase I ESA by LFR, one well is 350 feet deep and the other is 342 feet deep. No other wells are known to exist on the *property*.

6.3.14 Septic Systems

The facility is not connected to a municipal sewer system and all sanitary waste discharges to an on-site underground septic tank. The septic tank is located north of the Control and Maintenance Building. According to Mr. Bourgeois, the septic tank was last serviced when NAES took over operations in 2007. He was unaware of there ever being any leaks with the septic system or having being used for other waste discharges other than sanitary purposes.

6.3.15 Wastewater

Current Generation

Wastewater generated from *property* operations is limited to sanitary waste generated from the facility bathrooms and sinks. Process water is managed as a closed loop system and is not discharged. Process water is used for the cooling tower and boiler.

Past Generation

No other types of wastewater are known to have been generated at the facility. Prior to 2007, process water was discharged to the stormwater retention pond located at the northeast corner of the *property*. The source of the process

water, quality, frequency, duration or volume was unknown by Ms. Woodard or Mr. Lepoutre.

According to Mr. Bourgeois, filtomat residue (overflow water from the cooling tower) was once used for dust suppression on the *property* but is no longer done. The large holding tank is still in place, but was empty at the time of the site visit and associated piping appeared corroded.

6.3.16 Interior Housekeeping

The interior housekeeping within all the buildings on the *property* was generally in good condition. One 5-gallon container of a liquid substance was found to be unlabeled in the Storage Warehouse. The container was secured with a lid and stored over the pallet.

6.3.17 Exterior Housekeeping

Housekeeping in the exterior areas of the *property* was observed to generally be in order. Only some minor housekeeping issues were observed that would not likely result as a violation from environmental agencies. Some labels of the ASTs located outdoors were difficult to read due to outdoor exposure. Containers of stored materials were observed to be partially outside secondary containment areas. Chemical storage areas were not covered and are potentially exposed to stormwater. Leaks from several water pipes throughout the facility were observed.

6.3.18 Emissions

The *property* is permitted under Title V air permitting requirements of the Clean Air Act. The *property* emits several tons per year of ammonia, carbon monoxide (CO), NOx, PM, PM10, SOx, and volatile organic compounds (VOCs). As described in Section 3.2, the facility continuously monitors these emissions to ensure they are within permit limits.

Records provided to TRC by Akin Gump show that the facility has several NOVs and documented deviations from permitting requirements in the last few years. There have been 20 NOVs since 2007 to September 2012. NOVs that may have occurred prior to 2007 were not provided to TRC and were not noted in the database search, if any.

The majority of the violations were attributed to operating outside permit requirements. The nature of the violations includes equipment breakdowns, failure to report, and emission exeedances during source testing. All violations have been addressed and resolved with the exception of one NOV that occurred in September of 2011. The violation is for using chemically treated wood products as wood fuel. The facility is in the process of modifying their permit to revise the type of wood fuel that can be used at the facility.

According to Mr. Lepoutre, public complaints were made directly to the facility prior to 2007 from a nearby resident. He was not sure of the exact complaints, but was informed

they were in regards to visible emission concerns of the resident. The resident made direct inquiries to the facility and regulatory agencies were not informed of the complaints. Mr. Lepoutre was not aware of the proximity of the resident to the *property* or his name. No action was known to have been taken. Facility NAES staff and Mr. Lepoutre are not aware of any other complaints.

7. INTERVIEWS

As part of the Phase I ESA, select persons were interviewed to provide insight into conditions at the *property*. The individuals interviewed are listed below followed by a summary of the interview.

7.1 Interview with Owner/Operator

Thermal Energy is the current owner of the *property* and PurEnergy manages the *property* for Thermal Energy. NAES operates the facility. TRC was not able to interview direct representatives from Thermal Energy, but was able to interview Mr. Joel Lepoutre, Asset Manager with PurEnergy and members of NAES staff.

7.2 Interview with Key Site Manager

TRC interviewed Kathy Woodard, Environmental Specialist II with NAES. Ms. Woodard has been associated with the *property* since 2007 to the present and manages the environmental requirements for the *property*. Information provided by Ms. Woodard has been incorporated throughout this report as applicable.

TRC interviewed Mr. Joginder Khalsa, Plant Engineer with NAES. Mr. Khalsa has been associated with the *property* since late 2011 to the present. Mr. Khalsa is well informed about the processes and daily operations of the *property*, particularly with ash management. Information provide by Mr. Khalsa has been incorporated throughout this report as applicable.

TRC interviewed Mr. Ken Bourgeois, Control Room Manager with NAES. Mr. Bourgeois has been associated with the *property* since 1996. Mr. Bourgeois is well informed regarding the control operations of the *property* and has some historical knowledge of past processes. Information provided by Mr. Bourgeois has been incorporated throughout this report as applicable.

TRC interviewed Mr. John Puskas, Operations and Maintenance Manager with NAES. Mr. Puskas has been associated with the *property* since late 2011. Mr. Puskas is well informed about the processes and daily operations of the *property*. Information provided by Mr. Bourgeois has been incorporated throughout this report as applicable.

7.3 Interview with Past Owners, Operators, and Occupants

No attempts were made to interview past owners of the *property* prior to 1990. No attempts were made to interview past operators or occupants prior to 2007.

7.4 Interview with State and/or Local Government Officials

TRC contacted the RWQCB, SJCEHD, SJVAPCD and TFD regarding the *property*. Information provided by the agencies, if any, are provided in Section 5.2.

8. FINDINGS, OPINIONS, AND CONCLUSIONS

TRC Solutions, Inc. (TRC), at the request of Akin Gump conducted a Phase I Environmental Site Assessment of the Tracy Biomass Power Plant facility, located at 14800 West Schulte Road, Tracy California (property). Any exceptions to or deletions from this practice are described in Section 2 and Section 6 of this report. This section has been developed based on the discussion of issues provided in Sections 4, 5, 6, and 7.

The findings of this Phase I ESA have been categorized into recognized environmental conditions, historical recognized environmental conditions, and *de minimis* issues. For each of these issues, TRC's opinion of impact on the property is included.

8.1 Recognized Environmental Conditions

A recognized environmental condition is defined as the presence or likely presence of any hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.

The assessment has revealed the following RECs in connection with the *property*:

REC: Two surrounding sites were identified on the EDR report within the ASTM specified search radii. Based on the nature of these listings, the status of these listings, and/or the distance from the target *property*, these listings were determined to be a potential concern:

- The Tracy Youth Sports Park facility located at 15178 Schulte Road, approximately 0.12 miles west northwest of the *property*, is listed as an open site with the California Regional Water Quality Control Board (RWQCB). The site is noted as having impacted soil, but the records did not specify the contaminant of concern or extent of impact. The Site is at an elevation equal or higher than the elevation of the *property* and may have the potential to impact the *property* depending on the extent of impact.
- Owens-Brockway Glass Container facility is located at the address of 14700 Schulte Road and borders the *property* to the south. The facility is recorded as having violations and documented spills on more than one occasion. A current impact to soil is "open" in status according to RWQCB files. During TRC's site visit, the facility appeared to be

higher in elevation from the *property* and the general topography slopes to the north, northeast indicating that the facility may be upgradient of the *property*. Records reviewed did not specify the type of contaminant(s) or extent of impact to soil and/or groundwater and may have an impact to the *property*. In addition, the facility is also in the NEI database for emissions of HAPs.

Opinion of Impact: The type of contaminant and extent of impact for these found sites are unknown. Given the proximity of the sites to the *property*, there is a reasonable possibility that these sites may have an impact to the *property*. The glass manufacturing facility emits hazardous air pollutants which may impact the air quality of the *property*, especially if the facility were to exceed their emission limits. If a higher degree of comfort is desired, further investigation regarding the status of these neighboring sites with respect to potential impacts to the *property* should be considered.

REC: Ash has been found to contain elevated levels of heavy metals, with arsenic and lead as the primary contaminants of concern. Ash is stored on-site on an unlined area of the *property* and is exposed to stormwater and wind. Bottom ash is stockpiled on plastic sheets prior to being disposed off-site but was observed to be on the soil and was not confined to the plastic. The fly ash is also stockpiled on-site in an unlined area and was previously used as fill for some areas of the *property*. A previous Phase I and Phase II ESA conducted in 2005 determined that though the samples collected in the area of ash storage and soil beneath the ash fill was not determined to be hazardous, elevated levels of arsenic were detected above screening criteria in samples of ash used as fill.

Opinion of Impact: Detected concentrations of arsenic above established screening levels may result in cleanup action by regulatory agencies in the future. Continued storage of ash on unlined areas may still have the possibility to impact the *property* by leaching as the ash is exposed to stormwater and water from dust suppression activities over time. While previous Phase II sample results already establish low-level impacts to the *property*, if a higher degree of comfort is desired, confirmation sampling should be considered to establish current baseline concentrations before the *property* is transferred.

REC: The stormwater retention ponds are unlined and the stormwater drainage system is not protected from pollutants. Stormwater drainage conveyances were observed to be covered with sediment and debris. A stormwater management program is not implemented at the facility and the quality of stormwater runoff entering the retention pond areas is not known. Chemical storage and use areas were observed to be unprotected from stormwater. A previous Phase II ESA, conducted in 2005 by LFR, detected elevated levels of arsenic and metals in a stormwater drainage swale at the western border of the *property*. In addition, surface water in the northeastern stormwater retention pond detected elevated concentrations of arsenic, thallium, bis(2-ethylhexyl)phthalate and total petroleum hydrocarbon as diesel (TPHd).

Opinion of Impact: Pollutants from general operation areas of the *property* can easily enter the retention ponds located at the northern area of the *property*. Concentrations of contaminants were detected in a stormwater drainage swale indicating the likelihood that contaminants are conveyed through the on-site stormwater drainage system, impacting the *property*. The unlined retention ponds can also impact the *property* from the pollutants entering the ponds. There has been no known action taken to address the detected elevated concentrations of contaminants detected in 2005 and are sources of environmental impacts to the *property*. It appears advisable that additional confirmation samples be collected to establish current soil conditions within storm drainages and conveyances throughout the *property*.

REC: An unknown white powdery residue was observed in the soil near the Filtomat Residue Tank south of the cooling tower. It appeared to be from a spill of a type of chemical.

Opinion of Impact: Type of observed material is unknown and could be a hazardous substance. It also may indicate the spill of a liquid material that may have impacted the subsurface soils in that area. TRC recommends that soil samples be collected in this area to determine if the residue is hazardous and if it has impacted the *property*.

REC: Several drains and sumps convey water mixed with oils, ash or other pollutants to the oil-water separator. The drains are approximately 20 years old and the condition of the drains and sumps could not be verified.

Opinion of Impact: The drains and sumps may act as a conduit for pollutants to impact the *property* through leaks in the infrastructure of the drainage system. Further investigation to determine the current condition of the drains and sumps throughout the property appears advisable.

REC: The *property* is permitted under Title V Clean Air Act permitting requirements and has several documented violations and deviations from their permit. The majority of the violations were associated with failure to operate under permit conditions. All violations have been resolved and addressed with the exception of one violation that is in the process of being corrected. The violation is in regards to using chemically treated wood products inconsistent with their permit language. An application to modify their Title V permit to address wood fuel contents is currently pending approval from EPA.

Opinion of Impact: Multiple violations and documented deviations from permit conditions may be indicative of facility emission source, abatement and monitoring equipment conditions. The nature of the violations appears to be continuous and may be encountered in the future. An assessment to evaluate the potential likelihood and prevention of future violations from occurring should be considered.

REC: An old stockpile of soil located at the southwestern corner of the *property* was generated during construction of the biomass power plant around 1990. It is unknown if the stockpile contains other waste generated during the construction activity and/or if additional wastes may have been disposed of into the stockpile. During TRC's walkthrough, some construction debris was observed in the stockpile.

> **Opinion of Impact:** Construction debris may have been disposed of in the soil stockpile which may include hazardous materials and may be a source of impact to the *property*. If on-site reuse or off-site disposal of the soil is considered, soil samples should be collected to confirm current soil conditions of the observed stockpile.

REC: A stockpile of wooden poles was observed at the southern portion of the *property* adjacent to the construction soil stockpile and ash storage area. The poles appeared to be made of treated wood. The wood was leftover building material for the construction of the wind breakers located at the ash storage area and the wood fuel storage area.

> **Opinion of Impact:** The poles appeared to be constructed of treated wood, which may need to be disposed of as a hazardous waste. TRC recommends that the wooden poles be removed from the property in accordance with all applicable regulations.

REC: A crack in the oil-water separator tank was observed.

> **Opinion of Impact:** The crack may result in leaks from the oil-water separator and should be inspected for potential tank integrity issues. An integrity tank test should be performed by a qualified professional to properly assess the condition of the tank and confirm it meets tank integrity requirements per SPCC Rule regulations and industry standards.

8.2 Historical Recognized Environmental Conditions

An historical recognized environmental condition is defined as an environmental condition that, in the past, would have been considered a recognized environmental condition but may or may not be considered a recognized environmental condition currently.

HREC: Past facility operations included discharge of process wastewater to the unlined stormwater retention pond located at the northeast corner of the *property*. At the time of this evaluation, the source or quality of the process wastewater that was discharged into the pond was unknown. Previous wastewater discharge permits were not known to exist for this activity. A composite sediment sample from the pond area collected during the Phase II ESA investigation in 2005 showed no evidence of impact, though surface water in the pond was found to be impacted by contaminants.

> **Opinion of Impact:** The previous process of discharging wastewater to the northeastern stormwater retention pond without a permit may have resulted in a violation in the past. Wastewater is no longer discharged to the pond and would likely

not be a cause for agency enforcement in the future. However, wastewater may have impacted the *property* depending on the contents and quality of wastewater being discharged. Sample collection of surface water and soil within the retention pond to assess current conditions should be considered.

HREC: A spill of sulfuric acid from a 2,000 gallon tank in the vicinity of the boiler occurred in August of 2008. The acid had leaked from the tank and through the concrete secondary containment. The impacted soil has been removed from the *property* and SJCEHD confirmed no impact down to 20 feet bgs in September of 2008.

Opinion of Impact: Records show that impacted soil from the previous spill has been cleaned up. In addition, the leaking AST has been removed from the property and is no longer in use. During the site walkthrough, TRC did not observe evidence of leaking from current sulfuric acid tanks. Though no confirmation results or summary reports regarding the cleanup were found during this Phase I ESA, it appears to have been resolved from a note in the agency files describing an agency visit during soil removal activity. This finding is not likely to impact the *property* in the future. However, obtaining written formal documentation stating no further action and/or soil confirmation results regarding this spill is recommended.

8.3 *de minimis* Issues

A *de minimis* issue is defined as a condition that generally does not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The assessment revealed the following *de minimis* issues in connection with the *property*:

- Leaking water pipes were observed throughout the facility; the largest leak was from the Fire Pump House. The leaking water was groundwater pumped from the on-site water wells and not process wastewater. The leak has been continuous for several months and has built up large water puddles. If the leak is not corrected, the water may start to reach chemical storage and use areas. The leak also may be indicative of fire pump failure. Further assessment of the leak and repair is recommended.
- An unlabeled 5-gallon bucket of an unknown liquid was observed in the Storage Warehouse. Staining was not observed near the area where the bucket was observed and the bucket was stored on a secondary containment pallet. The material should be identified and the container should be properly labeled and stored in accordance with all applicable regulations.
- Minor cracks in the secondary containment of the ammonium hydroxide tank were observed. The cracks were minor and did not appear to penetrate through the concrete wall of the secondary containment. However, it is recommended that the integrity of the secondary containment be inspected by a qualified professional in accordance with CalARP requirements and industry standards.
- Minor corrosion in the concrete pad below the sulfuric acid aboveground storage tank (AST) located south of the Cooling Tower was observed. The corrosion is

indicative of some minor spilling but does not appear to be due to a container leak or from a larger spill. Corrosion was not apparent on the tank. Evidence of impacts to the soil near the concrete pad was not observed. No further action is recommended at this time.

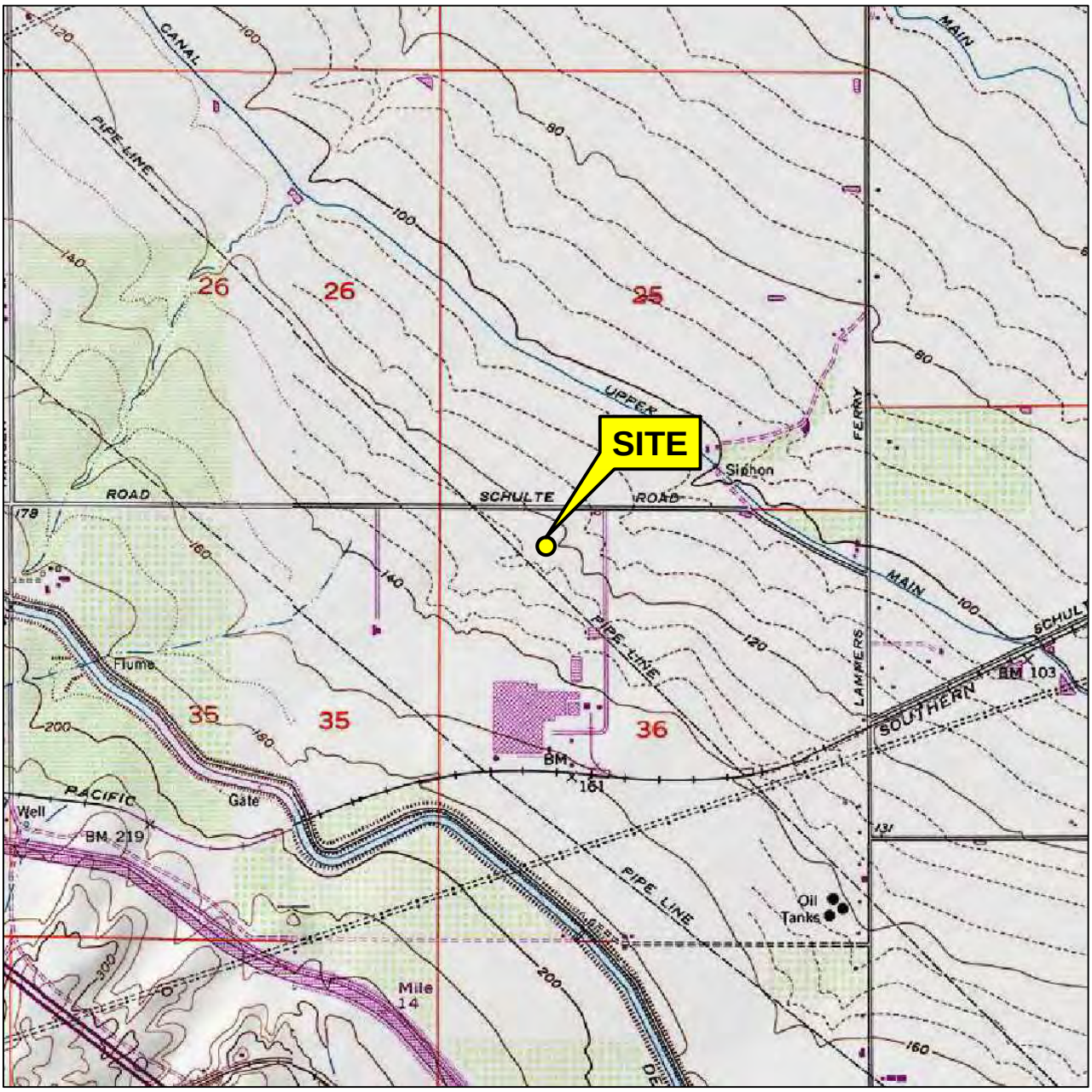
9. REFERENCES

A summary of the records and document used for this Phase I ESA is provided in Table 4 Below.

Table 4 Reference Summary

NO.	REFERENCE
1	ASTM, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-05, Published November 1, 2005.
2	Environmental Data Resources, Inc. (EDR), EDR Radius Map with GeoCheck® Report, Inquiry No. 3416342, dated September 24, 2012.
3	EDR, Aerial Photo Decade Package, Inquiry No. 3416342, dated September 27, 2012.
4	EDR, City Directory Package, Inquiry No. 3416342, dated September 27, 2012.
5	EDR, Historical Topographic Map Report, Inquiry No. 3416342, dated September 25, 2012.
6	EDR, Certified Sanborn Map Report, Inquiry No. 3416342, dated September 24, 2012.
7	LFR Levine Fricke, Limited Phase I Environmental Site Assessment, Tracy Biomass Power Plant. January 17, 2006. Emeryville, California.
8	LFR Levine Fricke. Phase II Environmental Investigation Report, Tracy Biomass Power Plant. February 3, 2006. Emeryville, California.
9	Thermal Energy Partnership, LP. Hazardous Materials Management Plan. January 30, 2011. Tracy, California.
10	Thermal Energy Partnership, LP. CA ARP Risk Management Plant. August 2009. Tracy, California.
11	Thermal Energy Partnership, LP. Spill Prevention Control and Countermeasures Plan. July 17, 2011. Tracy, California.
12	Thermal Energy Partnership LP. Hazardous Materials Management Plan. January 30, 2011. Tracy, California.
13	(multiple) San Joaquin Valley Air Pollution Control District Breakdown and Deviation Reports, Title V ID No. N-1026. Thermal Energy Partnership LP, Tracy, California.
14	(multiple) correspondence documents between Thermal Energy Partnership LP and U.S. EPA.
15	Hazardous Waste Generator Permit To Operate. Environmental Health San Joaquin County Certified Unified Program Agency. January 1, 2011 to December 31, 2011.
16	(multiple) correspondence documents between California Department of Food and Agriculture and Thermal Energy Partnership LP.

NO.	REFERENCE
17	(multiple) hazardous waste manifests for Thermal Energy Partnership LP dated March 9, 2012.
18	(multiple) wood fuel lab analyses reports by Hazen Research, Inc. for Thermal Energy Partnership LP. January 2011 to September 2011.
19	(multiple) ash lab analyses reports by BC Laboratories, Inc. for Tracy Biomass Power Plant. March 2011 to June 2011.
20	Lab Analyses Report by BSK Analytical Laboratories for Thermal Energy Partnership LP. December 1, 2011.
21	Facility files regarding stack testing results for 2011. Thermal Energy Partnership LP
22	Thermal Energy Partnership LP. Tracy Biomass Power Plant Ash Sampling Plan. (draft, undated)
23	Correspondence. Sierra Research to Tracy Biomass. Re: HAP Emissions From The Tracy Biomass Boiler. February 13, 2012.
24	Waste profile document from Clean Harbors to Thermal Energy Partnership LP dated February 3, 2012.
25	Correspondence. Fletcher Consultants, Inc. to Tracy Biomass Power Plant. Re: Transmittal of Lab Results. February 1, 2012.
26	Conestoga-Rovers & Associates. Greenhouse Gas Verification Report, Reporting Period January 1, 2011 to December 31, 2011. August 2012. Emeryville, California.
27	San Joaquin Valley Air Pollution Control District. Permit To Operate, Facility N-1026.
28	Correspondence. Regional Water Quality Control Board to Thermal Energy Partnership LP. Re: Case 3139 [waste discharge requirements]. February 9, 1993.



1 MILE 3/4 1/2 1/4 0 1 MILE

SCALE 1 : 24,000

N

SOURCE:

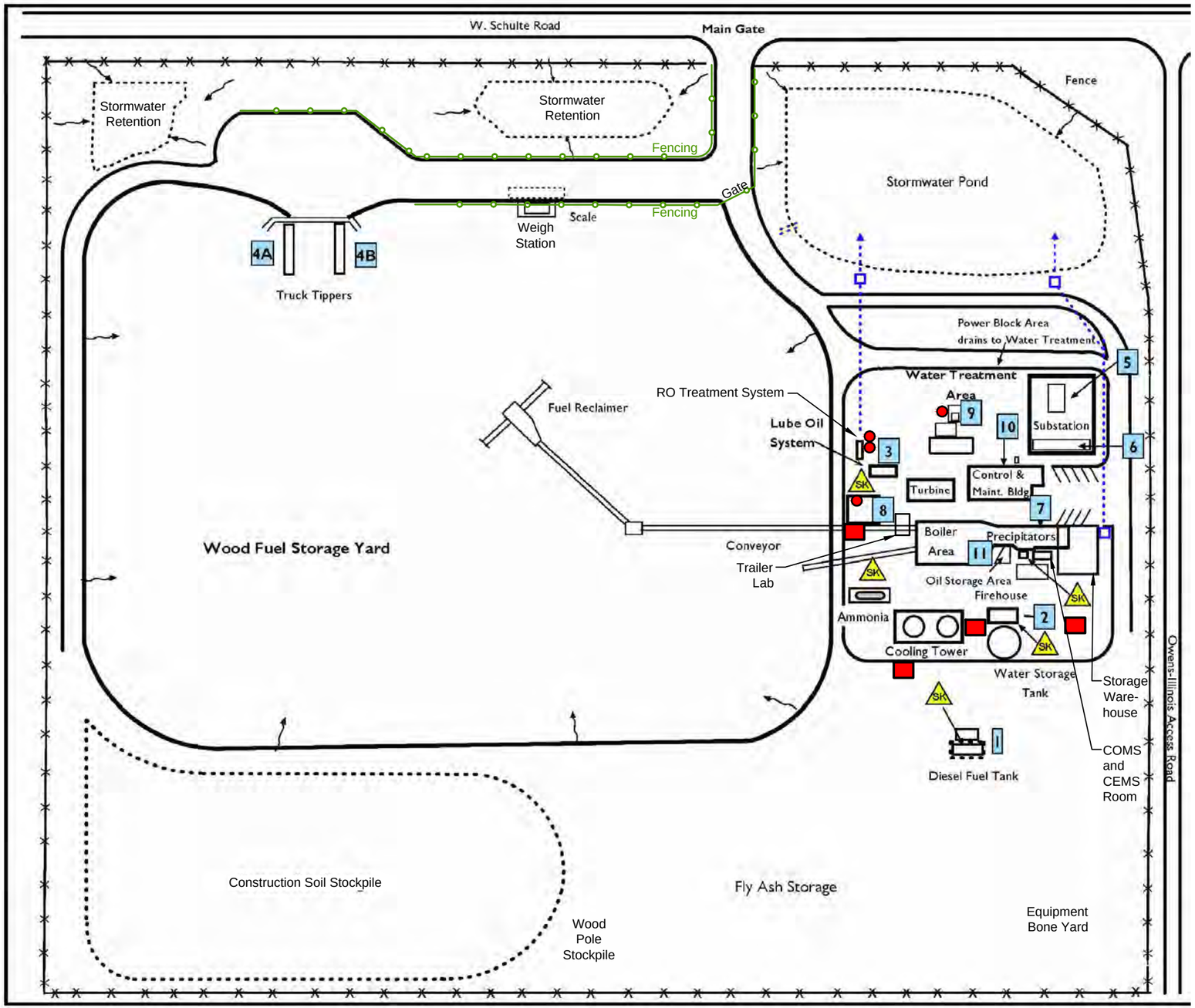
United States Geological Survey
7.5 Minute Topographic Map:
Midway and Tracy Quadrangles, California

VICINITY MAP

Tracy Biomass Plant
14800 West Schulte Road
Tracy, California

TRC | 197375 | **FIGURE 1**

FILE NAME: N:\CAD\Tracy Biomass Plant\Fig1_Vicinity Map.dwg | Layout Tab: 8x11



SOURCE: Undated site plan by Fletcher Consultants, Inc.

LEGEND

- 2 — Oil equipment ID
- SK — Spill kit
- Fence
- Drainage - direction of flow
- Catch basin (location assumed)
- Storm drain buried piping (location assumed)
- Bulk chemical storage area
- Chemical aboveground storage tank

Note: Facility perimeter drainage swale not shown

ID No.	Equipment	Description	Capacity (in gallons)
1	Diesel Storage Tank	Two-Compartment-Double walled Steel tank	4000 (split 2000/2000)
2	Fire Pump House Tank	Single wall steel tank with concrete containment basin	300
3	Lubricating Oil Tank	Steel reservoir surrounded by concrete containment	1500
4A	Hydraulic Oil Tank for Lift #1	Steel hydraulic oil reservoir with concrete containment	220
4B	Hydraulic Oil Tank for Lift #2	Steel hydraulic oil reservoir with concrete containment	220
5	Main Transformer	Steel transformer casing with other electrical features	3520
6	Auxiliary Transformers (4))	Steel transformer casing with other electrical features	Aux #1-4160V: 253 Aux #2-4160V: 411 Aux #1-480V: 352 Aux #2-480V: 352
7	ESP Transformers (4)	Steel transformer casing w/stainless steel containment	55 each (4 total)
8	Rectifier	Steel casing w/concrete containment berm	55
9	Oil Water Separator	Fiberglass and/or fiberglass coated steel in concrete containment	611
10	Portable Diesel Tank	Welded Steel in bermed containment area	100
11	Motor Oil Tank	Welded Steel in bermed containment area	100
11	Lubricating Oil Tank	Welded Steel in bermed containment area	100
11	Hydraulic Oil Tank	Welded Steel in bermed containment area	100
11	Used Oil Tank	Welded Steel in bermed containment area	100
11	Drum Storage	DOT-rated Drums storing used oil, motor oil, lubricating oil	7 @ 55 Gal Total

N

SCALE (FEET)

0 150 300

SITE PLAN

Tracy Biomass Plant
14800 West Schulte Road
Tracy, California

TRC 197375 **FIGURE 2**

FILE NAME: Z:\Current\Tracy Biomass Plant\Fig2_Site Plan.dwg | Layout Tab: 11x17

Appendix A
Environmental Professional's Statement and Qualifications

Draft

Environmental Professional's Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in 321.10 of 40 CFR 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Charina Gaspay, EIT, REA
Environmental Professional

Draft

Charina Gaspay

- B.S., Environmental Engineering, California Polytechnic State University, San Luis Obispo, California, 2003.

Experience Summary

Charina has over nine years of experience as an environmental engineer. She has provided technical expertise and support on a variety of EH&S projects, including management of environmental compliance programs at industrial facilities, due diligence, permitting, and site remediation. Project experience has included conducting environmental reporting; Phase I and Phase II ESAs; environmental subsurface investigations; remedial cleanup activities, preparation of environmental plans (e.g. SPCC, SWPPP, and HMBP plans); and conducting various environmental compliance audits, inspections and investigations.

Doug Wolf

- B.S. Environmental Engineering, California Polytechnic State University, San Luis Obispo.

Experience Summary

Mr. Wolf has over 30 years of environmental consulting and engineering experience working with Fortune 500 companies in the energy, transportation, water, solid waste, petroleum, chemical, mining, biotech, pharmaceutical and education sectors. Mr. Wolf brings extensive experience with regulatory compliance and permitting including CEQA and NEPA throughout the Western United States. In a career starting with the US EPA Region IX and later working for the Bay Area Air Quality Management District, Mr. Wolf brings a thorough understanding of the science and regulatory aspect of air regulations and practices to TRC. Mr. Wolf has also been responsible for the strategy, development and implementation of a wide range of environmental permitting and compliance solutions for his clients. Mr. Wolf has lead efforts in the practice of sustainability by identifying and encouraging green business practices. He is the Practice Leader of TRC's Carbon Strategy Services group.

James Ryan

- B.S. Environmental Engineering, University of New Hampshire, Durham, 2007.

Experience Summary

For the past 4 years Mr. Ryan has been gaining environmental consulting and engineering experience focusing on environmental compliance, air quality, energy efficiency, climate change, and hazardous risk assessments. Mr. Ryan has extensive experience with clients in the power generation industry, including biomass, coal, natural gas, and solar. Some of Mr. Ryan's recent experience includes, completing Energy Efficiency and Co-Benefits Assessments for two California Biomass Power Generation facilities, Phase I Site Assessment for a cogeneration power plant, and the writing of a Draft EIR Air Quality section for a large proposed fuel storage, blending and transshipment facility in Pittsburg, CA.

Appendix B
Special Contractual Considerations between User and Environmental Professional

Draft

Akin Gump
Strauss Hauer & Feld LLP

DAVID H. QUIGLEY
202.887.4339/202.887.4288
dquigley@akingump.com

ATTORNEY-CLIENT PRIVILEGED
CONFIDENTIAL

September 21, 2012

VIA E-MAIL

Douglas Wolf, Principal Engineer and Practice Leader
TRC Solutions, Inc.
One Concord Center
2300 Clayton Road, Suite 610
Concord, CA 94520

Re: Project Tracy Site Evaluation

Dear Douglas:

Akin Gump Strauss Hauer & Feld LLP ("Akin Gump") represents Greenleaf- Power LLC ("Greenleaf"), with respect to environmental diligence associated with the potential acquisition of a Biomass power plant facility, located near the Bay Area (the "Site"). This letter serves as an Agreement between Akin Gump and TRC Solutions, Inc. ("Consultant") to retain you and your staff as consulting experts to Greenleaf in this matter, and for the performance of investigatory, sampling, analysis, and other services involved in the preparation of a Phase I Environmental Site Assessment and Multimedia Compliance Review (the "Environmental Report") and any other services that may be required (the "Project"), which shall be performed in accordance with the procedures established in pages 1-7 of Consultant's September 10, 2012 proposal entitled *Agreement for Phase I Environmental Site Assessment and Multimedia Compliance Review, Biomass Plant, California*, enclosed herein as Exhibit A. The arrangement between Consultant and Greenleaf will be under the direction of David Quigley for Akin Gump and Douglas Wolf for Consultant.

It is mutually agreed as follows:

1. Anticipation of Litigation. Consultant will provide expert consulting services for counsel for Greenleaf in connection with the Project, as well as other support for or matters related to the Project as Akin Gump may direct from time to time. It is understood that the services to be performed by Consultant are being undertaken at the direction of counsel on behalf of Greenleaf in connection with the oversight and management of the Project and the development of Greenleaf's legal position in anticipation of litigation.

2. Retained by Counsel. Consultant is being retained through undersigned counsel for Greenleaf and shall perform such services as shall be directed by Akin Gump or Greenleaf through Akin Gump from time to time. Consultant shall not prepare any written reports or other written documents until instructed to do so by Akin Gump or Greenleaf through Akin Gump.

3. Fees and Expenses. Consultant shall be compensated for services and reimbursed for expenses as follows:

a. Consultant shall receive $9,575 as a fixed fee for the project.

b. Consultant agrees to submit written invoices. Statements for all work and expenses shall be delivered to David Quigley of Akin Gump with electronic copies to Charles Franklin. Payment will be made directly by Greenleaf to Consultant, and Greenleaf will use its best efforts to make such payment within sixty (60) days of receipt of such invoice, or Greenleaf's acceptance of the Work Product, whichever comes later.

c. Any changes in such compensation shall be by mutual written agreement.

4. Confidentiality and Ownership of Work Product. All services performed by and all communications between or among Consultant, Akin Gump and/or Greenleaf, or other counsel, consultants or experts working for Consultant, Akin Gump and/or Greenleaf, and all information developed, discovered, or exchanged among, between or by said parties to allow Consultant to perform hereunder shall be confidential ("Confidential Information").

a. The term "communications" includes, but is not limited to, any written document or report generated by Greenleaf, Akin Gump, Consultant, and/or other counsel, experts or consultants working for Consultant, Akin Gump and/or Greenleaf. Confidential Information shall not include information that is exclusively (1) in the public domain, (2) learned by Consultant other than through performance of this Agreement, (3) lawfully acquired by Consultant from a third party or parties, or (4) required to be disclosed by law.

b. Consultant will limit access to the Confidential Information to the employees, agents or representatives of Consultant who reasonably require access to such information for the purposes of the Project. Consultant will inform each such person who is given access to the Confidential Information of the existence of this Agreement and each such person shall agree to retain said information in secrecy under terms not less stringent than those set out in this Agreement. Consultant shall not disclose Confidential Information to any other person outside of Consultant, except as authorized by Akin Gump on behalf of Greenleaf.

c. Consultant agrees to maintain proprietary or Confidential Information in confidence and to employ adequate and appropriate procedures to prevent its unauthorized

publication and/or disclosure. Consultant will not use such proprietary or Confidential Information for any purpose other than in the performance of this Agreement. Consultant also agrees to return, store, or destroy promptly, at Greenleaf's or Akin Gump's request, any documents and copies containing proprietary or Confidential Information, and other materials as set forth in this paragraph 4, other than mutually agreed upon superceded working papers or other similar documents, and shall destroy promptly, at Greenleaf's or Akin Gump' request, any mutually agreed upon superceded working papers or any similar documents Consultant develops containing proprietary or Confidential Information.

d. All work product prepared in connection with Consultant's services, including all data collected, databases created, any software specifically developed for this engagement by Consultant to manipulate the databases, and all reports, are being performed at the direction of Akin Gump on behalf of Greenleaf and shall belong to and remain the exclusive property of Greenleaf under the supervision of Akin Gump. All Environmental Reports shall be delivered to Akin Gump, which will be responsible to provide copies to Greenleaf (the addressee of the reports). Any documents or data prepared by Consultant pursuant to this Agreement, including any documents Consultant retains during the time Consultant is providing services under this Agreement, shall be conspicuously marked as follows:

Privileged and Confidential
Attorney Work Product
Prepared at the Request of Counsel

e. Nothing in this Agreement shall prohibit Consultant from complying with a subpoena or other lawful process issued by a court or administrative agency acting within the scope of its jurisdiction, or from otherwise complying with applicable law, provided that Consultant shall notify Akin Gump and Greenleaf of any such subpoena or other lawful process immediately upon receipt thereof, so that Greenleaf may seek a protective order or other appropriate remedy and/or waive compliance with the provisions of this Agreement. In the event that such protective order or other remedy is not obtained, or that Greenleaf waives compliance with the provisions of this Agreement, Consultant agrees that it will furnish only that part of the Confidential Information and other information which, in the opinion of Consultant' counsel, Consultant is compelled to disclose or else stand liable for contempt or suffer other penalty and Consultant will exercise its best efforts to obtain reliable assurance that confidential treatment will be accorded to that portion of the Confidential Information and other information which is being disclosed. All communications among or between Akin Gump, Greenleaf, and/or Consultant concerning this Agreement are covered by the attorney-client and/or work product privilege.

5. Insurance.

The Consultant must carry a minimum of $5 million in Professional Liability Insurance, and $5 million in General Liability Insurance, to cover the consultant if they are found to have been negligent in performing the Phase I Environmental Site Assessment. The Consultant also must carry automobile liability and workers' compensation insurance as required by law. Evidence of Consultant's insurance coverage must be included with this signed Agreement.

6. Representations and Warranties.

a. Each of Greenleaf and Consultant represents and warrants to the other that: (i) it has all requisite power and authority to execute and deliver this Agreement and to perform its obligations hereunder; and (ii) the execution, delivery, and performance of this Agreement does not conflict with its charter or bylaws, or any agreement, order, or judgment to which it is bound.

b. Representations and Warranties of Consultant.

(i) Consultant is a corporation duly organized, validly existing and in good standing under the laws of the State of its incorporation and with full corporate power and authority to execute, deliver and perform this Agreement; or, if applicable, it is a partnership duly formed and validly existing, and has full power and authority to execute, deliver and perform this Agreement;

(ii) The execution, delivery and performance of this Agreement have been duly authorized by all necessary corporate action of Consultant;

(iii) This Agreement constitutes a legal, valid and binding contract of Consultant, enforceable against Consultant in accordance with its terms, except as limited by bankruptcy, insolvency, receivership and similar laws from time to time in effect.

(iv) Consultant currently possesses all necessary licenses, certifications, permits and approvals required to execute, deliver and perform its duties under this Agreement and is qualified to do business in all jurisdictions where such qualification is required for Consultant's performance of its duties under this Agreement.

7. Indemnification. Consultant agrees to indemnify and hold harmless Akin Gump and Greenleaf in all of their capacities, and all of their officers, directors and employees against any and all claims, losses, penalties, fines, forfeitures, reasonable attorneys' fees, judgments, amounts paid in settlement and related litigation costs, fees and expenses which result from: (a) any action taken by or on behalf of Consultant which is not permitted by the terms of this

Agreement, or (b) any act or omission constituting negligence or willful misconduct or breach of fiduciary duty by any officer, director, agent or employee of Consultant in connection with Consultant's performance under this Agreement.

8. Notice of claims. Greenleaf shall immediately notify Consultant, through Akin Gump, if it receives a complaint, claim or other notice of any loss, claim, damage or liability giving rise to a claim for indemnification, but failure to provide such notice shall not relieve Consultant from any duty to indemnify except to the extent Consultant is materially prejudiced by such failure and had no actual knowledge of such complaint, claim or other notice. With respect to any claim made or threatened against Greenleaf and/or Akin Gump for which Greenleaf, and or Akin Gump, is or may be entitled to indemnification, Greenleaf and Akin Gump shall:

a. give written notice to Consultant of such claim as soon as practicable after such claim is made or threatened, which notice shall specify in reasonable detail the nature of the claim and the amount (or an estimate of the amount) of the claim;

b. provide Consultant such information and cooperation with respect to such claim as Consultant may reasonably require, including, without limitation, making appropriate personnel available to Consultant at such reasonable times as Consultant shall request;

c. cooperate and take all such steps as Consultant may reasonably request to preserve and protect any defense to such claim;

d. in the event suit is brought with respect to such claim, upon reasonable prior notice, afford to Consultant the right, which Consultant may exercise in its sole discretion and at its expense, to participate in the investigation, defense and settlement of such claim;

e. neither incur any material expense to defend against nor release or settle such claim or make any admission with respect thereto (other than routine or incontestable admissions or factual admissions the failure to make which would expose Greenleaf, and/or Akin Gump, to unindemnified liability) without the prior written consent of Consultant.

9. Performance.

a. Access. Upon contracting with Greenleaf for the performance of the Project, Consultant will receive the address of the subject property and contact information for a Greenleaf Representative who will facilitate Consultant's access to the Site.

b. Completion. Consultant will complete a draft of the Report within 21 days of Consultant's receipt of an executed Agreement, or as otherwise agreed in writing by the

parties. Failure to deliver the subject report by this delivery date will constitute a breach of this Agreement, upon which Greenleaf may, at its option, terminate the Agreement.

c. Subcontractors. Consultant may engage subcontractors to assist in the performance of the Project only upon the prior written approval of Greenleaf and/or Akin Gump, such approval not to be unreasonably withheld.

d. Prior or Subsequent Work. Consultant must promptly notify Greenleaf of assessments it conducted on this Property for someone other than Greenleaf, or its representatives, within the prior twelve (12) months. Consultant also agrees to provide Greenleaf notice of any future assessments related to the Property it conducts over the twelve (12) months following the completion of the Project.

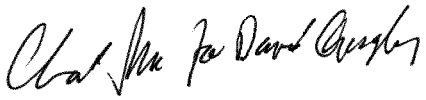
10. Termination. It is expressly understood that Greenleaf retains the right to terminate this engagement at any time for any reason. Within 30 days of such termination, Consultant, at Greenleaf's expense, shall return to Akin Gump and/or Greenleaf all Confidential Information. This Agreement may be terminated by Consultant upon sixty (60) days' written notice. Within sixty (60) days of providing such notice, Consultant, at its own expense, shall return to Akin Gump and/or Greenleaf all Confidential Information. The confidentiality obligations herein shall survive the termination of this Agreement. Notwithstanding Consultant's obligations to return all Confidential Information, Greenleaf shall remain responsible for payment of all proper, outstanding fees and expenses Consultant incurred under this Agreement through the date of termination.

11. Not an Agent. Consultant is not an agent, employee, or legal representative of Akin Gump or Greenleaf and is not authorized to do business in the name of or to obligate Akin Gump or Greenleaf in any way.

12. Effective Date. This Agreement will become effective on Consultant's date of signature.

Please sign this letter and return it to the undersigned to indicate acceptance of the terms set forth herein. Please retain a copy for your records.

Very truly yours,



David H. Quigley

Agreed to this ___ day of September, 2012

By TRC Solutions, Inc.

_____
Douglas Wolf

Exhibit A

One Concord Center
2300 Clayton Road, Suite 610
Concord, CA 94520

925.688.1200 PHONE
925.688.0388 FAX

www.TRCsolutions.com

September 10, 2012

Mr. Charles Abbott
Senior Vice President
Greenleaf- Power LLC
2600 Capital Avenue, #430
Sacramento, CA 95816

via email: cabbott@greenleaf-power.com

RE: AGREEMENT FOR PHASE I ENVIRONMENTAL SITE ASSESSMENT AND MULTIMEDIA COMPLIANCE REVIEW, BIOMASS PLANT CALIFORNIA

Dear Mr. Abbott:

Thank you for requesting our agreement for Phase I Environmental Site Assessment/Environmental Due Diligence and Multi-Media Compliance Review for possible acquisition of a Biomass power plant facility, located near the Bay Area. This document will serve as our agreement to work together.

THE PROJECT

In accordance with the American Society for Testing and Materials (ASTM) Designation E 1527-05, TRC will complete a Phase I Environmental Site Assessment (ESA) for the above subject property. In addition TRC will provide support by evaluating facility operations and monitoring and recordkeeping activities with respect to applicable multimedia environmental permits and regulations. The above activities are often completed in support of commercial land and other property asset transactions. These activities form the basis for this proposal.

As part of the environmental document review process, TRC will assess readily available environmental reports, such as agency files, including permits, registrations and inspection reports as well as other documentation. TRC will be given access to an FTP site or file room that contains such records. A multimedia compliance review will be designed with a focus to determine the status of compliance with respect to current operating permits and conditions, focusing on general operations.

A Phase I ESA will include review of specific documents as they relate to prior sampling or analysis of on-site building materials, air, soil, soil vapor, or ground water. Any listings for potential VOC contamination will be evaluated within 1,760 feet radius from the subject property, and for potential petroleum contamination will be evaluated within 520 feet radius from the subject property.
The purpose of performing these activities is to strive to document recognized environmental conditions at the site related to current and historic use of hazardous substances and petroleum products. While performing the Phase I ESA, TRC will obtain information on the current and past uses of the site and attempt to identify whether contamination incidents have been reported at the site or nearby properties. The term “recognized environmental conditions” means the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate a significant release or significant threat of a release into the ground, ground water, or surface water. Please note that our proposed scope of work does not include sampling or analysis of on-site building materials, air, soil, soil vapor, or ground water.

LOCAL EXPERIENCE

Since 1969, TRC has provided geotechnical and environmental services for more than 16,000 projects, including several retail projects near the site. TRC personnel are also familiar with due diligence services having done them for biomass and cogeneration facilities. Since we are familiar with the site areas around the Bay area and san Joaquin basin, our local experience will enable us to efficiently provide our services to you. Our goal is to develop and implement a program to cost-effectively evaluate site conditions in a timely manner and allow you to make informed decisions relating to the property. For more information about TRC's range of services and projects, please visit our website at www.trcsolutions.com. We have prepared this agreement based on our previous work in the area and discussions with you.

PHASE I ESA SERVICES

The scope of work presented is in general accordance with the American Society for Testing and Materials (ASTM) Designation E 1527-05. The ASTM scope of work is accepted by most lenders.

This work will be performed under the oversight of an environmental professional who meets the ASTM E 1527-05 qualifications.

Site Visit

TRC will provide personnel who will also observe existing conditions; reconnoiter the site to note readily observable indications of present or past activities that may have or could, in our opinion, cause significant site contamination; and collect readily available information on the current usage of the site. If made readily available, our representative will review facility records, such as hazardous materials management plans and inventories, disposal records, and permits. These records help evaluate the potential for hazardous materials to impact the site. TRC will interact with facility employees as designated to more efficiently search and review records and evaluate operations with respect to facility operating permits and other documents.

Interviews per ASTM guidance

In following ASTM guidance, if the site has five or less commercial tenants TRC will also conduct interviews with these tenants, by making a reasonable attempt to interview one key person of each tenant/occupant who is likely to have material information regarding the potential for contamination at the property, if the names and phone numbers of those individuals are provided to us. At sites with more than five tenants, TRC will make a reasonable attempt to interview a representative of the major occupant (if any) and other occupants whose operations appear likely to involve significant quantities of hazardous materials.

If contact information is provided by you, we will attempt to interview the current and past owners, operators and occupants of the property who are likely to have material information regarding the potential for contamination at the property and we will also make a reasonable attempt to interview past owners, operators and occupants of any abandoned neighboring properties where there is obvious evidence of unauthorized uses. The above interviews may be performed in person, by telephone or by providing a written environmental questionnaire. However, please note that contact information must be provided by you.

Site Hydrology

TRC will prepare a brief summary of site hydrology, including depth to groundwater and expected groundwater flow direction. This information will aid in evaluating the potential for nearby spill incidents to impact the site.

Site Vicinity Reconnaissance

At the time of the site visit, our representative will conduct a brief drive-by survey of the adjacent properties to note the current land use and, if possible, note facilities that appear likely to use, handle, or store significant quantities of hazardous materials.

Site History Review

To help establish past site and immediate vicinity usage, our study will include a review of past reports for this site and the following readily available historical sources: 1) aerial photographs; 2) topographic maps; 3) Sanborn fire insurance maps available from the Sanborn Mapping and Geographic Information Service in Pelham, New York; and 4) previously prepared environmental information for the site and a 50-year chain of title report, if you provide these documents to us.

Please note that ASTM E 1527 requires that obvious uses of each property be identified from the present back to the property's obvious first developed use or back to 1940, whichever is earlier. Review of historical sources at less than approximately five year intervals is not required by ASTM E 1527. If the specific use of the property appears unchanged over a period longer than five years, then it is not required by ASTM E 1527 to research the use during that period (for example, if fire insurance maps show the same building in 1940 and 1960, then the period in between need not be researched). If the above requirement cannot be fulfilled, our report will provide the recommendation that additional research be conducted.

We document historical site usage to help establish if the property may have been adversely impacted by past activities.

Regulatory Database Review

To help establish the presence and type of contamination incidents reported in the site vicinity, we will acquire and review a regulatory agency database report that includes a radius map with symbols representing the approximate location of identified incidents with respect to the site.

Agency File Reviews

To obtain site-specific commonly known and reasonably ascertainable information on hazardous materials usage and to evaluate the compliance and permit status of the provided addresses of the site, available files at the local fire, health, and building departments will be reviewed. Agency files often contain site history details needed to meet ASTM requirements including information regarding past occupants and owners of the site (and dates of ownership or occupancy), site uses, equipment installations (such as tanks and sumps), agency inspection records, wastewater discharge records, etc. Please provide us with all site addresses for current and historic occupants.

MULTI-MEDIA COMPLIANCE REVIEW

Permit Review

A compliance review of permits will be performed to assess the suitability of existing permit terms and conditions relative to air, water, waste and hazardous materials. A list of permits will be generating and each will be reviewed relative to the facilities monitoring and recordkeeping activities and compliance status. A list of non-compliance activities including type and severity will be documented. Repeated violations will be noted. Any corrective activity will be identified. Any fines or fees associated with these violations that can be identified will be noted.

A site visit and interview will be conducted with staff personnel designees. All on-site files reviewed must be identified beforehand and made available for TRC personnel at time of the site visit. Desk top review can also be performed for files that are electronically provided. Our on site visit, interview and file review will be performed over a period of two days.

Report

We will prepare a written report presenting the results of our collective study. The report will include a vicinity map, site plan, and selected copies of the records obtained and reviewed. The conclusions and recommendations presented in the report will be based on our interpretation of the readily available information gathered, site history and usage data, our observations of the existing site conditions and review of conditional requirements. We will summarize the recognized environmental conditions derived from readily observed site conditions and reasonably ascertainable information as well as our observations prepared following our multimedia compliance review. We will attempt to identify and comment on significant data gaps. This report will be valid for 180 days from its date.

Schedule

We are prepared to begin work upon receiving your written approval of this agreement. We anticipate that approximately two to three weeks will be required to issue our report to you.

FEES AND TERMS

We will perform the environmental services for the fixed fees presented in Table 1 below, in accordance with the attached terms and conditions.

Additional services requested by you that are not outlined in this agreement.

More reliable assessment of environmental conditions can be obtained by expanding the scope of the Phase I activities and/or analyzing soil and groundwater samples. If you desire this work after completion of our Phase I assessment, the scope of work and budget for further investigations can be developed. We are not responsible for the accuracy of the information prepared by others.

TABLE 1. FIXED FEE FOR PHASE I ENVIRONMENTAL SERVICES AND MULTIMEDIA REVIEW

Phase I Environmental Site Assessment and Multimedia Review	
Site Visit	
Interviews	
Questionnaire	
Site Hydrology	
Site Vicinity Reconnaissance	
Site History Review	
Potential for Vapor Encroachment	
Regulatory Database Review	
Standard Agency File Reviews	
GRAND TOTAL	**$9,575**

AUTHORIZATION

Please acknowledge your receipt of and agreement with the terms contained in this agreement by signing the last page and returning one signed original to us. As soon as we receive a signed agreement, we will begin work.

We look forward to working with you on this important development. Thank you for choosing us to assist you. If you have any questions, please call and we will be glad to discuss them with you.

Very truly yours,

TRC

Charles C. Mettler, P.G.,
Principal Environmental Geologist

Doug Wolf
Principal Engineer

~~Attachments: Terms and Conditions~~
Copies: Addressee (via email)

Agreement accepted by:

Greenleaf-Power LLC, Inc.

_____

Signature Date

_____

Please Print Name and Title

Copyright © 2011 TRC

INFORMATION NEEDED TO BEGIN PHASE I ENVIRONMENTAL SITE ASSESSMENT
(PLEASE ATTACH ADDITIONAL PAGES IF NEEDED)

Per ASTM E1527, the User («Client_Company») of a Phase I environmental site assessment has the responsibility to communicate certain information to the environmental professional (TRC). This information and other data needed to facilitate the timely completion of our report are listed below.

1) PLEASE PROVIDE A SITE PLAN THAT ACCURATELY SHOWS THE PROPERTY BOUNDARIES.

2) LIST ALL SITE ADDRESSES (CURRENT AND HISTORICAL). SOME SITES HAVE MULTIPLE ADDRESSES; ALL ARE NEEDED. THIS INFORMATION WILL BE RELIED UPON DURING OUR REGULATORY AGENCY FILE REVIEWS AND CITY DIRECTORY SEARCH.

_____

_____

_____

3) PLEASE PROVIDE THE APN NUMBER(S) FOR THE PROPERTY: _____

4) PLEASE PROVIDE THE SITE CONTACT NAME, PHONE NUMBER AND E-MAIL ADDRESS. THIS PERSON WILL BE CONTACTED TO ARRANGE FOR ACCESS TO THE SITE.

NAME: _____ PHONE: _____ EMAIL: _____

5) PLEASE PROVIDE THE PROPERTY OWNER'S NAME, EMAIL ADDRESS AND PHONE NUMBER.

NAME: _____ PHONE: _____ EMAIL: _____

6) IF REASONABLY ASSERTAINABLE, PROVIDE CONTACT INFORMATION FOR ALL PRIOR OWNERS.

_____

_____

7) LIST CURRENT SITE OCCUPANTS INCLUDING CURRENT USE AND YEARS OF OCCUPANCY.

OCCUPANT	SITE USE	YEARS OF OCCUPANCY (*e.g.*, From 1975 to 1983)

8) LIST PREVIOUS SITE OCCUPANTS INCLUDING PRIOR USE AND YEARS OF OCCUPANCY. IF REASONABLY ASSERTAINABLE, ALSO PROVIDE CONTACT INFORMATION TO FACILITATE INTERVIEWS.

OCCUPANT	SITE USE	YEARS OF OCCUPANCY (*e.g.*, From 1975 to 1983)

9) ARE YOU AWARE OF ANY ENVIRONMENTAL CLEANUP LIENS OR ACTIVITY AND LAND USE LIMITATIONS THAT ARE FILED OR RECORDED FOR THE SITE UNDER FEDERAL, TRIBAL, STATE OR LOCAL LAW? _____

10) DO YOU HAVE ANY SPECIALIZED KNOWLEDGE OR EXPERIENCE RELATED TO THE PROPERTY OR NEARBY PROPERTIES THAT IS MATERIAL TO RECOGNIZED ENVIRONMENTAL CONDITIONS IN CONNECTION WITH THE SITE? _____

Continued on next page

11) IN A TRANSACTION INVOLVING THE PURCHASE OF REAL ESTATE, DOES THE PURCHASE PRICE BEING PAID FOR THIS PROPERTY REASONABLY REFLECT THE FAIR MARKET VALUE OF THE PROPERTY? _____
IF YOU CONCLUDE THAT THERE IS A DIFFERENCE, HAVE YOU CONSIDERED WHETHER THE LOWER PURCHASE PRICE IS BECAUSE CONTAMINATION IS KNOWN OR BELIEVED TO BE PRESENT AT THE PROPERTY? ____

12) ARE YOU AWARE OF COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION ABOUT THE PROPERTY THAT WOULD HELP TO IDENTIFY CONDITIONS INDICATIVE OF RELEASES OR THREATENED RELEASES? FOR EXAMPLE,
a.) Do you know of specific chemicals that are present or once were present at the *property*? _____
b.) Do you know of spills or other chemical releases that have taken place at the *property*? _____
c.) Do you know of any environmental cleanups that have taken place at the *property*? _____

13) DO YOU KNOW WHETHER ANY OF THE DOCUMENTS LISTED BELOW EXIST? (Please circle any that are known). IF SO, COPIES SHOULD BE PROVIDED IF POSSIBLE WITHIN REASONABLE TIME AND COST CONSTRAINTS.
Environment Site Assessment Reports
Geotechnical Reports, Hydrogeologic Studies or Risk Assessments
Compliance Audit Reports or Community Right-to-Know Plans
Safety Plans; Preparedness/Prevention Plans; spill prevention, countermeasure, and control plans; etc
Environmental Related Permits or Violation Notices
Underground or Aboveground Storage Tanks Documents or Permits
Hazardous Material Management/Business Plans or Chemical Inventories

14) ARE THE SERVICES TO BE PROVIDED BY TRC SUBJECT TO PREVAILING WAGE LAWS (i.e., WILL THIS PROJECT RECEIVE FEDERAL, STATE OR LOCAL FUNDING)? _____

15) PLEASE PROVIDE THE INVOICE BILLING ADDRESS AND CONTACT PERSON IF DIFFERENT FROM THAT LISTED AS THE ADDRESSEE OF THIS PROPOSAL.

_____

_____

Appendix C
Database Search

Draft

Biomass Power Plant
14800 West Schulte Road
Tracy, CA 95377

Inquiry Number: 3416342.2s
September 24, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

14800 WEST SCHULTE ROAD
TRACY, CA 95377

COORDINATES

Latitude (North):	37.7211000 - 37˚ 43' 15.96''
Longitude (West):	121.4961000 - 121˚ 29' 45.96''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	632544.1
UTM Y (Meters):	4175730.5
Elevation:	134 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37121-F4 TRACY, CA
Most Recent Revision:	1981
West Map:	37121-F5 MIDWAY, CA
Most Recent Revision:	1980

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
THERMAL ENERGY DEVELOPMENT PARTNE 14800 W SCHULTE RD TRACY, CA 95377	HAZNET EMI	N/A
TRACY OPERATORS 14800 W. SCHULTE ROAD TRACY, CA 95377	FINDS	N/A
THERMAL ENERGY DEVELOPMENT COR 14800 W. SCHULTE ROAD TRACY, CA	EMI	N/A

EXECUTIVE SUMMARY

TRACY OPERATORS 14800 SCHULTE AVE TRACY, CA 95378	HAZNET	N/A
TRACY BIOMASS 14800 SCHULTE AVE TRACY, CA 95378	HAZNET	N/A
TRACY BIOMASS PLANT 14800 WEST SCHULTE ROAD TRACY, CA 95377	FINDS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-SQG ..... RCRA - Small Quantity Generators

EXECUTIVE SUMMARY

RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR ..... EnviroStor Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ..... Solid Waste Information System
WDS ..... Waste Discharge System

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing
VCP ..... Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
WMUDS/SWAT ..... Waste Management Unit Database
SWRCY ..... Recycler Database
HAULERS ..... Registered Waste Tire Haulers Listing
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs

HIST Cal-Sites	Historical Calsites Database
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
CDL	Clandestine Drug Labs
US HIST CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information
LUCIS	Land Use Control Information System
LIENS	Environmental Liens Listing
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing

Other Ascertainable Records

RCRA-NonGen	RCRA - Non Generators
DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN	Bond Expenditure Plan
NPDES	NPDES Permits Listing
UIC	UIC Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
Notify 65	Proposition 65 Records
DRYCLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
ENF	Enforcement Action Listing
HAZNET	Facility and Manifest Data
EMI	Emissions Inventory Data
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST	EPA WATCH LIST

EXECUTIVE SUMMARY

PRP..... Potentially Responsible Parties
US FIN ASSUR..... Financial Assurance Information
2020 COR ACTION..... 2020 Corrective Action Program List
FINANCIAL ASSURANCE.... Financial Assurance Information Listing
PCB TRANSFORMER..... PCB Transformer Registration Database
PROC..... Certified Processors Database
MWMP..... Medical Waste Management Program Listing
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
HWT..... Registered Hazardous Waste Transporter Database
HWP..... EnviroStor Permitted Facilities Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations.. EDR Proprietary Historic Gas Stations
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/15/2012 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS CONTAINER	***14700 W. SCHULTE RD***	***E 0 - 1/8 (0.081 mi.)***	***B10***	***21***

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 07/19/2012 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS CONTAINER	***14700 W. SCHULTE RD***	***E 0 - 1/8 (0.081 mi.)***	***B10***	***21***
Status: Completed - Case Closed				

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 07/19/2012 has revealed that there are 3 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRACY YOUTH SPORTS PARK	15178 SCHULTE ROAD	WNW 0 - 1/8 (0.119 mi.)	C12	35
Facility Status: Open - Inactive				

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS CONTAINER	14700 SHULTE RD W	E 0 - 1/8 (0.081 mi.)	B9	21
OWENS-BROCKWAY GLASS CONTAINER	***14700 W. SCHULTE RD***	***E 0 - 1/8 (0.081 mi.)***	***B10***	***21***
Facility Status: Open - Inactive				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 07/19/2012 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FAA - ANTENNAE FARM	15178 W SCHULTE RD	WNW 0 - 1/8 (0.119 mi.)	C13	36

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS BROCKWAY	14700 W SCHULTE RD	E 0 - 1/8 (0.081 mi.)	B8	20

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS BROCKWAY	14700 W SCHULTE	E 0 - 1/8 (0.081 mi.)	B11	35

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS ILLINOIS INC TRACY PLANT	***14700 W SCHULTE RD***	***NNW 0 - 1/8 (0.003 mi.)***	***A7***	***16***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS CONTAINER	***14700 W. SCHULTE RD***	***E 0 - 1/8 (0.081 mi.)***	***B10***	***21***

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS ILLINOIS INC TRACY PLANT	***14700 W SCHULTE RD***	***NNW 0 - 1/8 (0.003 mi.)***	***A7***	***16***

Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there

EXECUTIVE SUMMARY

is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

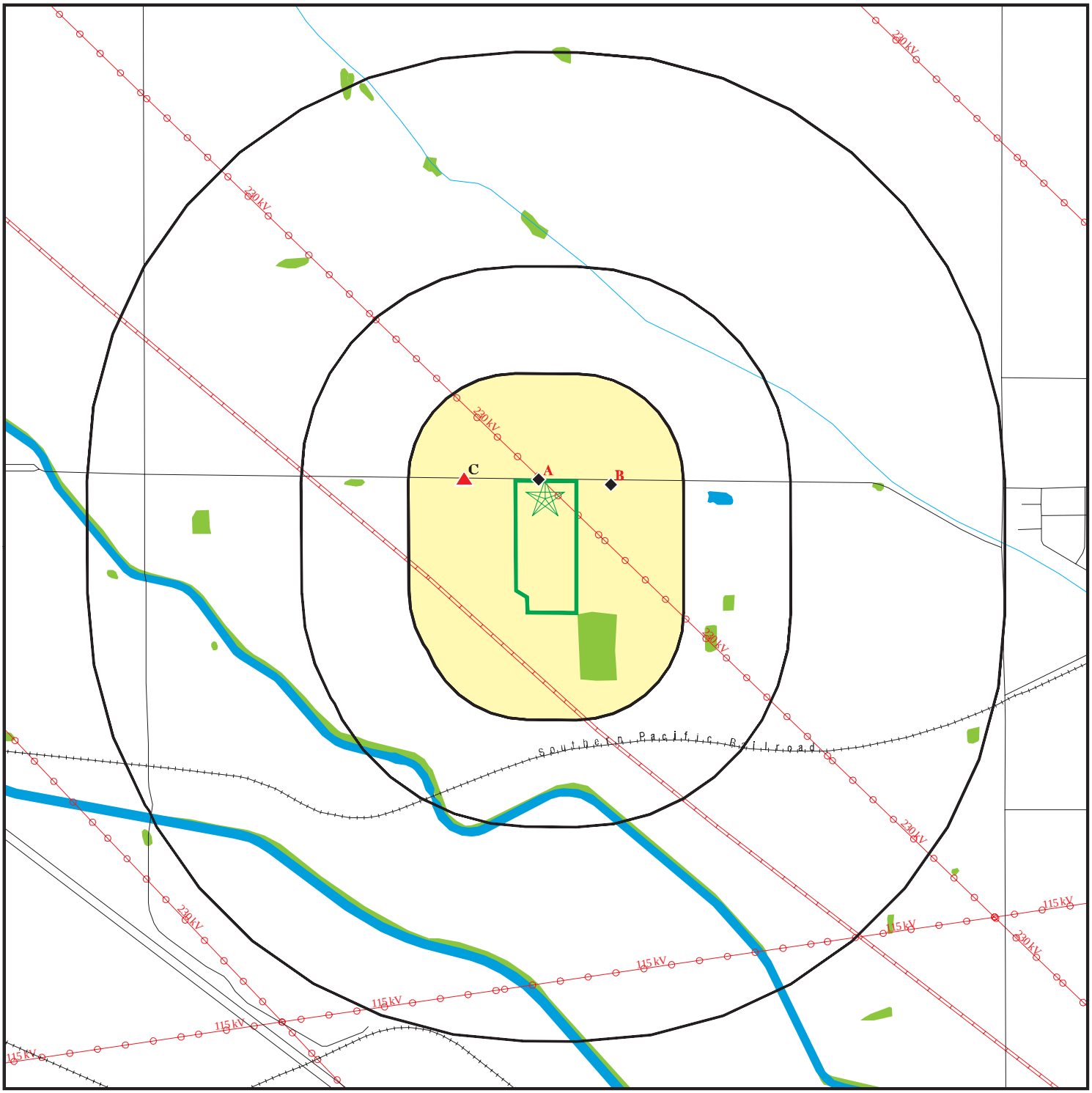
Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS CONTAINER	***14700 W. SCHULTE RD***	***E 0 - 1/8 (0.081 mi.)***	***B10***	***21***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 13 records.

Site Name	Database(s)
CEMEX KERLINGER PLANT	ENF
PG & E PIPELINE TO TURLOCK IRRIGAT	NPDES
MITSUBISHI ELECTRIC POWER PRODUCT	NPDES, HAZNET HIST UST, CHMIRS
LAWRENCE LIVERMORE NATIONAL LABORA	SWF/LF
DSS CO VERNALIS PLANT	HAZNET
UNOCAL BULK PLANT #0788	HAZNET
PIONEER AMERICAS LLC TRACY BLEACH	RCRA-LQG
RTE 1 BOX 35 TRACY PUMPING PLANT	ERNS
BANTA-CARBONA PUMPING PLANT 1	ERNS
BANTA-CARBONA PUMPING PLANT 1	ERNS
TRACY PUMPING PLANT	ERNS
MOBIL OIL CORPORATION BULK PLANT (	SLIC

OVERVIEW MAP - 3416342.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Biomass Power Plant	CLIENT: TRC
ADDRESS: 14800 West Schulte Road Tracy CA 95377	CONTACT: Charina Gaspay INQUIRY #: 3416342.2s
LAT/LONG: 37.7211 / 121.4961	DATE: September 24, 2012 4:32 pm

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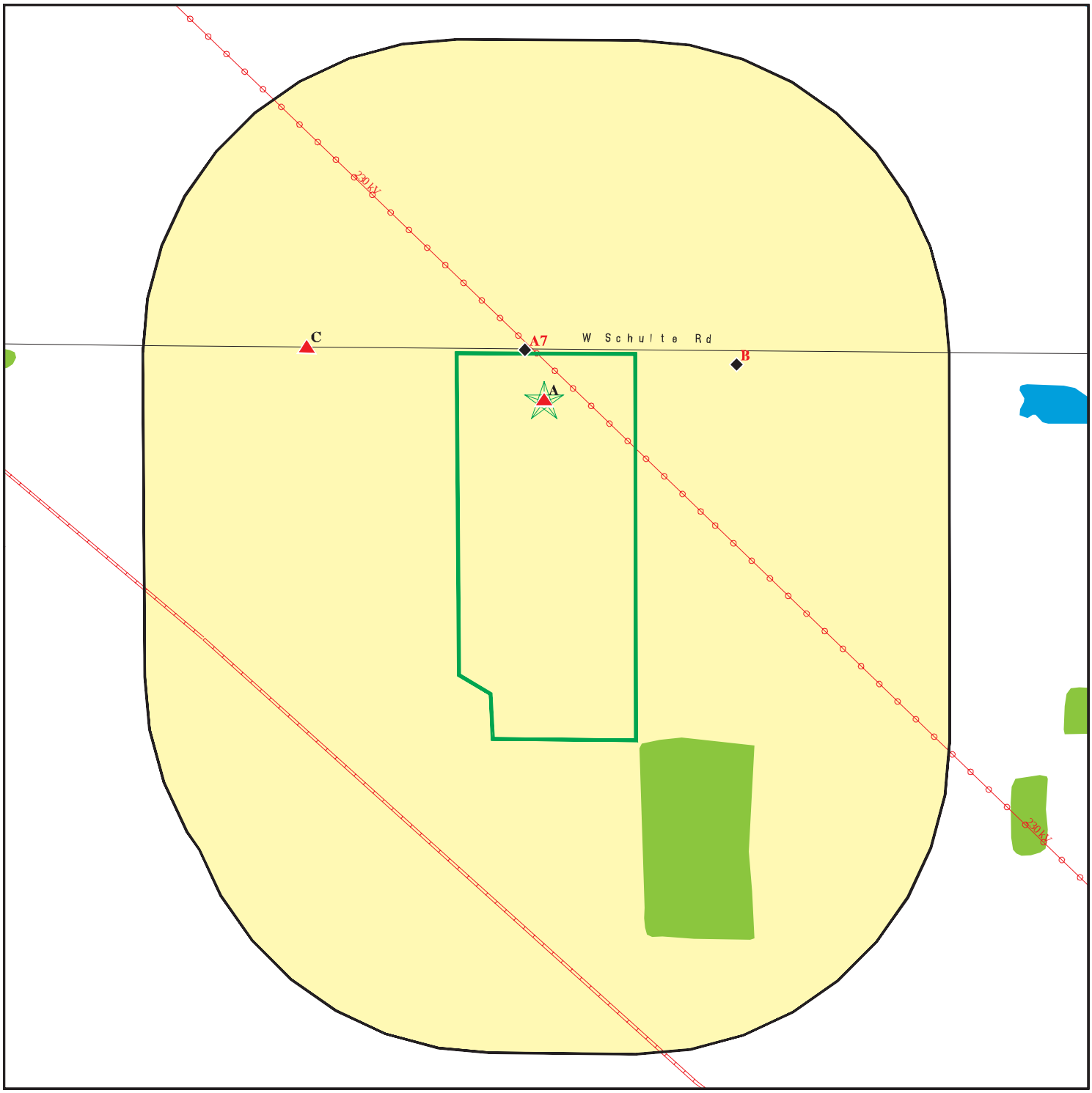
DETAIL MAP - 3416342.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Biomass Power Plant	CLIENT: TRC
ADDRESS: 14800 West Schulte Road Tracy CA 95377	CONTACT: Charina Gaspay INQUIRY #: 3416342.2s
LAT/LONG: 37.7211 / 121.4961	DATE: September 24, 2012 4:34 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		1	0	0	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		3	0	0	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		2	0	NR	NR	NR	2
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		1	0	NR	NR	NR	1
HIST UST	0.250		1	0	NR	NR	NR	1
SWEEPS UST	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
RAATS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		1	0	0	NR	NR	1
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	3	NR	NR	NR	NR	NR	3
EMI	TP	2	NR	NR	NR	NR	NR	2
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Historical Auto Stations	0.250		0	0	NR	NR	NR	0
EDR Historical Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA**
14800 W SCHULTE RD
TRACY, CA 95377 | **HAZNET** | **S105940010**
EMI | **N/A**

Site 1 of 7 in cluster A

Actual: 134 ft.

HAZNET:

Year:	2011
Gepaid:	CAL000316973
Contact:	GREG MYERS
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	ARD069748192
TSD County:	Not reported
Waste Category:	Liquids with pH <= 2
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.015
Facility County:	San Joaquin

Year:	2011
Gepaid:	CAL000316973
Contact:	GREG MYERS
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	CAD059494310
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.0325
Facility County:	San Joaquin

Year:	2011
Gepaid:	CAL000316973
Contact:	GREG MYERS
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	CAD059494310
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3
Facility County:	San Joaquin

Year:	2010
Gepaid:	CAL000316973
Contact:	GREG MYERS
Telephone:	2098356914
Mailing Name:	Not reported

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA (Continued) **S105940010**

Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	CAD980675276
TSD County:	Not reported
Waste Category:	Oil/water separation sludge
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.275
Facility County:	San Joaquin

Year:	2010
Gepaid:	CAL000316973
Contact:	GREG MYERS
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	CAD059494310
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.35
Facility County:	San Joaquin

Click this hyperlink while viewing on your computer to access
16 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1996
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	144
NOX - Oxides of Nitrogen Tons/Yr:	75
SOX - Oxides of Sulphur Tons/Yr:	15
Particulate Matter Tons/Yr:	43
Part. Matter 10 Micrometers & Smllr Tons/Yr:	35

Year:	1997
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA (Continued) **S105940010**

Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	144
NOX - Oxides of Nitrogen Tons/Yr:	75
SOX - Oxides of Sulphur Tons/Yr:	15
Particulate Matter Tons/Yr:	43
Part. Matter 10 Micrometers & Smllr Tons/Yr:	35

Year:	1998
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	168
NOX - Oxides of Nitrogen Tons/Yr:	87
SOX - Oxides of Sulphur Tons/Yr:	18
Particulate Matter Tons/Yr:	49
Part. Matter 10 Micrometers & Smllr Tons/Yr:	17

Year:	1999
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	179
NOX - Oxides of Nitrogen Tons/Yr:	92
SOX - Oxides of Sulphur Tons/Yr:	19
Particulate Matter Tons/Yr:	52
Part. Matter 10 Micrometers & Smllr Tons/Yr:	17

Year:	2000
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	189
NOX - Oxides of Nitrogen Tons/Yr:	98
SOX - Oxides of Sulphur Tons/Yr:	20
Particulate Matter Tons/Yr:	53

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA (Continued) **S105940010**

Part. Matter 10 Micrometers & Smllr Tons/Yr:	18

Year:	2001
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	B
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	210
NOX - Oxides of Nitrogen Tons/Yr:	108
SOX - Oxides of Sulphur Tons/Yr:	22
Particulate Matter Tons/Yr:	58
Part. Matter 10 Micrometers & Smllr Tons/Yr:	50

Year:	2004
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.058208001
Reactive Organic Gases Tons/Yr:	0.465839885
Carbon Monoxide Emissions Tons/Yr:	234.840085
NOX - Oxides of Nitrogen Tons/Yr:	121.6809
SOX - Oxides of Sulphur Tons/Yr:	24.362106
Particulate Matter Tons/Yr:	64.7786076
Part. Matter 10 Micrometers & Smllr Tons/Yr:	55.37719971

Year:	2005
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	184.8372299981340766
NOX - Oxides of Nitrogen Tons/Yr:	95.467259992618118
SOX - Oxides of Sulphur Tons/Yr:	19.18368900000751018
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2006
County Code:	39
Air Basin:	SJV
Facility ID:	1026

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA (Continued) **S105940010**

Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.5966391669095136290
Reactive Organic Gases Tons/Yr:	.26575982941347542
Carbon Monoxide Emissions Tons/Yr:	140.2750412644756324
NOX - Oxides of Nitrogen Tons/Yr:	108.1936237066579219
SOX - Oxides of Sulphur Tons/Yr:	10.79715250996449887
Particulate Matter Tons/Yr:	21.68871550469735757
Part. Matter 10 Micrometers & Smllr Tons/Yr:	21.32792802854161917

Year:	2007
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.314628328510431631
Reactive Organic Gases Tons/Yr:	.57901640010555088
Carbon Monoxide Emissions Tons/Yr:	95.34468260107383159
NOX - Oxides of Nitrogen Tons/Yr:	113.5845876021243634
SOX - Oxides of Sulphur Tons/Yr:	19.14139593000704794
Particulate Matter Tons/Yr:	3.061386150760343520
Part. Matter 10 Micrometers & Smllr Tons/Yr:	2.788695827557009657

Year:	2007
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.785654178370045194
Reactive Organic Gases Tons/Yr:	.78684975236025181
Carbon Monoxide Emissions Tons/Yr:	69.63178802201651786
NOX - Oxides of Nitrogen Tons/Yr:	107.4263119663496361
SOX - Oxides of Sulphur Tons/Yr:	15.20338999681124632
Particulate Matter Tons/Yr:	2.825438470935110942
Part. Matter 10 Micrometers & Smllr Tons/Yr:	2.57812587619862132

A2 Target Property **TRACY OPERATORS**
14800 W. SCHULTE ROAD
TRACY, CA 95377

FINDS **1014675925**
N/A

Site 2 of 7 in cluster A

Actual: 134 ft.

FINDS:

Registry ID: 110041059449

Environmental Interest/Information System

TRACY OPERATORS (Continued) **1014675925**

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

A3 Target Property **THERMAL ENERGY DEVELOPMENT COR** **EMI** **S105940079**
14800 W. SCHULTE ROAD **N/A**
TRACY, CA

Site 3 of 7 in cluster A

Actual: 134 ft.

EMI:

Year:	1990
County Code:	39
Air Basin:	SJV
Facility ID:	250
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	24
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	111
NOX - Oxides of Nitrogen Tons/Yr:	55
SOX - Oxides of Sulphur Tons/Yr:	29
Particulate Matter Tons/Yr:	24
Part. Matter 10 Micrometers & Smllr Tons/Yr:	20

Year:	1995
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	136
NOX - Oxides of Nitrogen Tons/Yr:	71
SOX - Oxides of Sulphur Tons/Yr:	14
Particulate Matter Tons/Yr:	40
Part. Matter 10 Micrometers & Smllr Tons/Yr:	32

Year:	2007
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

THERMAL ENERGY DEVELOPMENT COR (Continued) **S105940079**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

A4 Target Property **TRACY OPERATORS** **HAZNET** **S100946840**
14800 SCHULTE AVE **N/A**
TRACY, CA 95378

Site 4 of 7 in cluster A

Actual: 134 ft.

HAZNET:

Year:	2003
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	WIR000029751
TSD County:	San Joaquin
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.1
Facility County:	San Joaquin

Year:	1999
Gepaid:	CAL000042561
Contact:	THERMAL ENERGY DEVELOPMENT
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	PO BOX 1209
Mailing City,St,Zip:	TRACY, CA 953781209
Gen County:	San Joaquin
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Other inorganic solid waste
Disposal Method:	Not reported
Tons:	4.214
Facility County:	San Joaquin

Year:	1999
Gepaid:	CAL000042561
Contact:	THERMAL ENERGY DEVELOPMENT
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	PO BOX 1209
Mailing City,St,Zip:	TRACY, CA 953781209
Gen County:	San Joaquin
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Land Fill
Tons:	4.214
Facility County:	San Joaquin

Year:	1998
Gepaid:	CAL000042561
Contact:	THERMAL ENERGY DEVELOPMENT

TRACY OPERATORS (Continued) **S100946840**

Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	PO BOX 1209
Mailing City,St,Zip:	TRACY, CA 953781209
Gen County:	San Joaquin
TSD EPA ID:	CAT080033681
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Disposal, Other
Tons:	.2500
Facility County:	San Joaquin

Year:	1998
Gepaid:	CAL000042561
Contact:	THERMAL ENERGY DEVELOPMENT
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	PO BOX 1209
Mailing City,St,Zip:	TRACY, CA 953781209
Gen County:	San Joaquin
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Not reported
Tons:	.2500
Facility County:	San Joaquin

Click this hyperlink while viewing on your computer to access
7 additional CA_HAZNET: record(s) in the EDR Site Report.

A5
Target
Property

TRACY BIOMASS **HAZNET** **S108756759**
14800 SCHULTE AVE **N/A**
TRACY, CA 95378

Site 5 of 7 in cluster A

Actual:
134 ft.

HAZNET:

Year:	2006
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD980884183
TSD County:	Sacramento
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Facility County:	San Joaquin

A6 Target Property | **TRACY BIOMASS PLANT**
14800 WEST SCHULTE ROAD
TRACY, CA 95377 | **FINDS** | **1004441250**
N/A

Site 6 of 7 in cluster A

Actual: 134 ft.

FINDS:

Registry ID: 110000511893

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US Emissions & Generation Resource Database (EGRID) contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States.

ELECTRIC GENERATOR

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

A7 NNW < 1/8 0.003 mi. 16 ft. | **OWENS ILLINOIS INC TRACY PLANT**
14700 W SCHULTE RD
TRACY, CA 95376 | **CA FID UST**
SWEEPS UST
HAZNET
EMI | **S101593081**
N/A

Site 7 of 7 in cluster A

Relative: Lower

Actual: 132 ft.

CA FID UST:

Facility ID:	39001820
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2098355701
Mail To:	Not reported
Mailing Address:	P O BOX 30
Mailing Address 2:	Not reported
Mailing City,St,Zip:	TRACY 95376
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported

OWENS ILLINOIS INC TRACY PLANT (Continued) **S101593081**

EPA ID: Not reported
Comments: Not reported
Status: Inactive

SWEEPS UST:
Status: Not reported
Comp Number: 1965
Number: Not reported
Board Of Equalization: 44-024944
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 39-000-001965-000001
Actv Date: Not reported
Capacity: 27300
Tank Use: OIL
Stg: WASTE
Content: LUBRICUTING
Number Of Tanks: 4

Status: Not reported
Comp Number: 1965
Number: Not reported
Board Of Equalization: 44-024944
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 39-000-001965-000002
Actv Date: Not reported
Capacity: 42000
Tank Use: OIL
Stg: WASTE
Content: LUBRICUTING
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1965
Number: Not reported
Board Of Equalization: 44-024944
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 39-000-001965-000003
Actv Date: Not reported
Capacity: 3150
Tank Use: OIL
Stg: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported

OWENS ILLINOIS INC TRACY PLANT (Continued) **S101593081**

Comp Number:	1965
Number:	Not reported
Board Of Equalization:	44-024944
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	39-000-001965-000004
Actv Date:	Not reported
Capacity:	450
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

HAZNET:

Year:	2011
Gepaid:	CAD009146929
Contact:	L MENDOZA
Telephone:	2098368269
Mailing Name:	Not reported
Mailing Address:	14700 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953768628
Gen County:	Not reported
TSD EPA ID:	ARD981057870
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.325
Facility County:	San Joaquin

Year:	2011
Gepaid:	CAD009146929
Contact:	L MENDOZA
Telephone:	2098368269
Mailing Name:	Not reported
Mailing Address:	14700 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953768628
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	14.595
Facility County:	San Joaquin

Year:	2011
Gepaid:	CAD009146929
Contact:	L MENDOZA
Telephone:	2098368269
Mailing Name:	Not reported
Mailing Address:	14700 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953768628
Gen County:	Not reported
TSD EPA ID:	CA0000084517

OWENS ILLINOIS INC TRACY PLANT (Continued) **S101593081**

TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	5.8842
Facility County:	San Joaquin

Year:	2011
Gepaid:	CAD009146929
Contact:	L MENDOZA
Telephone:	2098368269
Mailing Name:	Not reported
Mailing Address:	14700 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953768628
Gen County:	Not reported
TSD EPA ID:	CAD008488025
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus inorganics
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	1.27185
Facility County:	San Joaquin

Year:	2011
Gepaid:	CAD009146929
Contact:	L MENDOZA
Telephone:	2098368269
Mailing Name:	Not reported
Mailing Address:	14700 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953768628
Gen County:	Not reported
TSD EPA ID:	CAD008488025
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus inorganics
Disposal Method:	Neutralization Only
Tons:	2.085
Facility County:	San Joaquin

Click this hyperlink while viewing on your computer to access
254 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1987
County Code:	39
Air Basin:	SJV
Facility ID:	17
Air District Name:	SJU
SIC Code:	3221
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	25
NOX - Oxides of Nitrogen Tons/Yr:	852
SOX - Oxides of Sulphur Tons/Yr:	236
Particulate Matter Tons/Yr:	87

OWENS ILLINOIS INC TRACY PLANT (Continued) **S101593081**

Part. Matter 10 Micrometers & Smllr Tons/Yr: 82

Year: 1990
County Code: 39
Air Basin: SJV
Facility ID: 17
Air District Name: SJU
SIC Code: 3221
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 22
NOX - Oxides of Nitrogen Tons/Yr: 822
SOX - Oxides of Sulphur Tons/Yr: 319
Particulate Matter Tons/Yr: 94
Part. Matter 10 Micrometers & Smllr Tons/Yr: 90

Year: 1995
County Code: 39
Air Basin: SJV
Facility ID: 593
Air District Name: SJU
SIC Code: 3221
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 19
NOX - Oxides of Nitrogen Tons/Yr: 785
SOX - Oxides of Sulphur Tons/Yr: 288
Particulate Matter Tons/Yr: 96
Part. Matter 10 Micrometers & Smllr Tons/Yr: 91

B8 **OWENS BROCKWAY** **UST** **U004024498**
East **14700 W SCHULTE RD** **N/A**
< 1/8 **TRACY, CA 95377**
0.081 mi.
427 ft. **Site 1 of 4 in cluster B**

Relative:
Lower

Actual:
127 ft.

UST SAN JOAQUIN:
Region: SJ
Facility Id: FA0006674
Mail Address: 14700 W SCHULTE RD
Mail Care of: Not reported
Mail City,St,Zip: TRACY, CA 95377

Tank Rec ID: TA0503941
Tank Number: 1
Tank Status: CLOSED
Tank Capacity: 27300
Product Type: 1A
Product Type Desc: REGULAR UNLEADED
Program Element: 2380

OWENS BROCKWAY (Continued) **U004024498**

Tank Rec ID: TA0503942
Tank Number: 2
Tank Status: CLOSED
Tank Capacity: 42000
Product Type: 1A
Product Type Desc: REGULAR UNLEADED
Program Element: 2380

Tank Rec ID: TA0503943
Tank Number: 3
Tank Status: CLOSED
Tank Capacity: 1460
Product Type: 1A
Product Type Desc: REGULAR UNLEADED
Program Element: 2380

Tank Rec ID: TA0503944
Tank Number: 4
Tank Status: CLOSED
Tank Capacity: 450
Product Type: 1A
Product Type Desc: REGULAR UNLEADED
Program Element: 2380

B9
East
< 1/8
0.081 mi.
427 ft.

OWENS-BROCKWAY GLASS CONTAINER FACILITY**
14700 SHULTE RD W
TRACY, CA

Site 2 of 4 in cluster B

SLIC **S106230473**
N/A

Relative:
Lower

Actual:
127 ft.

SLIC REG 5:
Region: 5
Facility Status: Preliminary Assessment
Unit: Facility is a Spill or site
Pollutant: TPH
Lead Agency: Not reported
Date Filed: 10/04/02
Report Date: / /
Date Added: Not reported
Date Closed: Not reported

B10
East
< 1/8
0.081 mi.
427 ft.

OWENS-BROCKWAY GLASS CONTAINER
14700 W. SCHULTE RD
TRACY, CA 95377

Site 3 of 4 in cluster B

RCRA-LQG **1000319784**
TRIS **95376WNSLL14**
FINDS
HIST CORTESE
LUST
SLIC
HIST UST
ENF
WDS

Relative:
Lower

Actual:
127 ft.

RCRA-LQG:
Date form received by agency: 06/15/2010
Facility name: OWENS-BROCKWAY GLASS CONTAINER

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Facility address:	14700 W. SCHULTE RD TRACY, CA 95377
EPA ID:	CAD009146929
Mailing address:	14700 W. SCHULTED RD TRACY, CA 95377
Contact:	LISA M MENDOZA
Contact address:	14700 W. SCHULTE RD TRACY, CA 95377
Contact country:	US
Contact telephone:	(209) 836-8269
Contact email:	LISA.MENDOZA@O-I.COM
EPA Region:	09
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	OWENS BROCKWAY GLASS CONTAINER
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/15/1961
Owner/Op end date:	Not reported

Owner/operator name:	OWENS BROCKWAY GLASS CONTAINER INC
Owner/operator address:	ONE MICHAEL OWENS WAY PERRYSBURG, OH 43551
Owner/operator country:	US
Owner/operator telephone:	(561) 336-5000
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/15/1961
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency: 02/29/2008
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 02/27/2006
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Site name: OWNS-BROCKWAY GLASS CONTAINER
Classification: Small Quantity Generator

Date form received by agency: 02/27/2006
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Site name: OWNS-BROCKWAY GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 02/25/2004
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Site name: OWENS-BROCKWAY GLASS CONTAINERS INC
Classification: Large Quantity Generator

Date form received by agency: 02/14/2002
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Site name: OWENS-BROCKWAY GLASS CONTAINER INC
Classification: Large Quantity Generator

Date form received by agency: 02/11/1998
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 03/30/1996
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Date form received by agency: 03/15/1994
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Site name: OWENS ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 02/18/1992
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 04/12/1990
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Site name: OWENS-ILLINOIS GLASS CONTAINER INC
Classification: Large Quantity Generator

Date form received by agency: 08/15/1980
Facility name: OWENS-BROCKWAY GLASS CONTAINER
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Biennial Reports:

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Last Biennial Reporting Year: 2011

Annual Waste Handled:

Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs):	1358
Waste code:	D006
Waste name:	CADMIUM
Amount (Lbs):	137908
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	140708
Waste code:	D008
Waste name:	LEAD
Amount (Lbs):	137908
Waste code:	D018
Waste name:	BENZENE
Amount (Lbs):	1023
Waste code:	D035
Waste name:	METHYL ETHYL KETONE
Amount (Lbs):	335
Waste code:	F005
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	335

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	01/08/2004
Date achieved compliance:	02/05/2004
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	01/08/2004
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1600
Final penalty amount: 1600
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1600
Final penalty amount: 1600
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1600
Final penalty amount: 1600
Paid penalty amount: Not reported

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 01/08/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/05/2004
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/18/1993
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/20/1993
Evaluation lead agency: State

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/20/1993
Evaluation lead agency: State

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/20/1993

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Evaluation lead agency: State

TRIS:

Click this hyperlink while viewing on your computer to access
1 additional US_TRIS: record(s) in the EDR Site Report.

FINDS:

Registry ID: 110000485421

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

GREENHOUSE GAS REPORTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

CORTESE:

Region:	CORTESE
Facility County Code:	39
Reg By:	LTNKA
Reg Id:	390822

LUST:

Region:	STATE
Global Id:	T0607700651
Latitude:	37.7200741
Longitude:	-121.4786183
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/17/2002
Lead Agency:	SAN JOAQUIN COUNTY LOP
Case Worker:	ML
Local Agency:	SAN JOAQUIN COUNTY LOP
RB Case Number:	390822
LOC Case Number:	0000849
File Location:	Not reported
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0607700651
Contact Type:	Local Agency Caseworker
Contact Name:	MARGARET LAGORIO
Organization Name:	SAN JOAQUIN COUNTY LOP
Address:	600 E. MAIN
City:	STOCKTON
Email:	mlagorio@sjcehd.com
Phone Number:	Not reported

Global Id:	T0607700651
Contact Type:	Regional Board Caseworker
Contact Name:	JAMES BARTON
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5S)
Address:	11020 SUN CENTER DRIVE #200
City:	RANCHO CORDOVA
Email:	jbarton@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0607700651

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Action Type:	ENFORCEMENT
Date:	06/03/2002
Action:	Closure/No Further Action Letter
Global Id:	T0607700651
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0607700651
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

LUST REG 5:

Region:	5
Status:	Case Closed
Case Number:	390822
Case Type:	Undefined
Substance:	GASOLINE
Staff Initials:	JLB
Lead Agency:	Local
Program:	LUST
MTBE Code:	N/A

SLIC:

Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/05/2002
Global Id:	SL0607719504
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	Not reported
Latitude:	37.721622
Longitude:	-121.48892
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Region:	STATE
Facility ID:	00000002264
Facility Type:	Other
Other Type:	GLASS MANUFACTURING
Total Tanks:	0003
Contact Name:	ERNEST F. VALIS
Telephone:	2098355701
Owner Name:	OI GLASS CONTAINER STS INC
Owner Address:	14700 W. SCHULTE ROAD

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Owner City,St,Zip: TRACY, CA 95376

Tank Num: 001
Container Num: 2
Year Installed: 1977
Tank Capacity: 00042000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: Visual

Tank Num: 002
Container Num: 1
Year Installed: 1960
Tank Capacity: 00027300
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: Visual

Tank Num: 003
Container Num: 3
Year Installed: 1977
Tank Capacity: 00003150
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: 6 inches
Leak Detection: Visual

ENF:

Region:	5S
Facility Id:	246365
Agency Name:	Owens-Brockway
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.7209
Place Longitude:	-121.49205
SIC Code 1:	3221
SIC Desc 1:	Glass Containers
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	3.79999999
Threat To Water Quality:	2
Complexity:	B

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NON15
# Of Programs:	1
WDID:	5B392023001
Reg Measure Id:	147727
Reg Measure Type:	WDR
Region:	5S
Order #:	5-00-056
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	08/19/2010
Effective Date:	03/17/2000
Expiration/Review Date:	03/17/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	331171
Region:	5S
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	08/23/2007
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/23/2007
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 08/23/2007 for Owens-Brockway, Owens-Illinois Glass Furnace
Description:	NOV sent for late monitoring reports, failure to submit some wastewater monitoring data for domestic and process wastewater, and violations of E.C. and GW limits.
Program:	NON15
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Region:	5S
Facility Id:	246365
Agency Name:	Owens-Brockway
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.7209
Place Longitude:	-121.49205
SIC Code 1:	3221
SIC Desc 1:	Glass Containers
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	3.79999999
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NON15
# Of Programs:	1
WDID:	5B392023001
Reg Measure Id:	147727
Reg Measure Type:	WDR
Region:	5S
Order #:	5-00-056
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	08/19/2010
Effective Date:	03/17/2000
Expiration/Review Date:	03/17/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	242114
Region:	5S
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	08/19/2003
Adoption/Issuance Date:	08/19/2003
Achieve Date:	Not reported
Termination Date:	08/19/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 07/03/2001 for OWENS-BROCKWAY, OWENS-ILLINOIS GLASS FURNACE
Description:	NOV issued for low freeboard readings and high SC readings.
Program:	NON15
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CA WDS:

Facility ID:	Sacramento-San Joaquin Delta 392023001
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	0
Facility Telephone:	2098355701
Facility Contact:	JIM HAMRICK
Agency Name:	OWENS-BROCKWAY
Agency Address:	6150 STONERIDGE MALL STE.375
Agency City,St,Zip:	PLEASANTON 94588
Agency Contact:	ROBERT NEAL
Agency Telephone:	4154637950
Agency Type:	Private
SIC Code:	3221
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported

OWENS-BROCKWAY GLASS CONTAINER (Continued) **1000319784**

Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

B11 **OWENS BROCKWAY** **AST** **A100338183**
East **14700 W SCHULTE** **N/A**
< 1/8 **TRACY, CA 95377**
0.081 mi.
427 ft. **Site 4 of 4 in cluster B**

Relative:
Lower

Actual:
127 ft.

AST:

Owner:	OWENS BROCKWAY
Total Gallons:	2,078
Certified Unified Program Agencies:	San Joaquin

C12 **TRACY YOUTH SPORTS PARK** **SLIC** **S108937588**
WNW **15178 SCHULTE ROAD** **N/A**
< 1/8 **TRACY, CA**
0.119 mi.
630 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
137 ft.

SLIC:

Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	05/20/2009
Global Id:	SL0607797298
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	Not reported
Latitude:	37.721672
Longitude:	-121.495142
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

C13 WNW < 1/8 0.119 mi. 630 ft. | **FAA - ANTENNAE FARM**
15178 W SCHULTE RD
TRACY, CA 95376

Site 2 of 2 in cluster C

UST | **U004066913**
N/A

Relative: Higher

Actual: 137 ft.

UST SAN JOAQUIN:

Region:	SJ
Facility Id:	FA0017909
Mail Address:	450 GOLDEN GATE AVE 4TH FL EAST
Mail Care of:	GSA (KEN PAULSON)
Mail City,St,Zip:	SAN FRANCISCO, CA 94102
Tank Rec ID:	TA0515805
Tank Number:	Not reported
Tank Status:	INACTIVE
Tank Capacity:	100
Product Type:	Not reported
Product Type Desc:	Not reported
Program Element:	2380

Count: 13 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN JOAQUIN COUNTY	S111211950	CEMEX KERLINGER PLANT	BETWEEN TRACY BOULEVARD AND MA		ENF
SAN JOAQUIN COUNTY	S111292402	PG & E PIPELINE TO TURLOCK IRRIGAT	PRUNE AVENUE EASTERLY OF SYCAM		NPDES
TRACY	91202768	RTE 1 BOX 35 TRACY PUMPING PLANT	RTE 1 BOX 35 TRACY PUMPING PLA		ERNS
TRACY	1007199965	PIONEER AMERICAS LLC TRACY BLEACH	26700 S BANTA RD	95304	RCRA-LQG
TRACY	U001608455		BANTA RD		HIST UST, CHMIRS
TRACY	91237794	BANTA-CARBONA PUMPING PLANT 1	BANTA-CARBONA PUMPING PLANT 1		ERNS
TRACY	91467307	BANTA-CARBONA PUMPING PLANT 1	BANTA-CARBONA PUMPING PLANT 1		ERNS
TRACY	S109933564	DSS CO VERNALIS PLANT	2648 BLEWETTC	95304	HAZNET
TRACY	S100947372	UNOCAL BULK PLANT #0788	8203 W BUSINESS LOOP		HAZNET
TRACY	S106230425	MOBIL OIL CORPORATION BULK PLANT (	500 GRANTLINE E RD		SLIC
TRACY	S106088475	MITSUBISHI ELECTRIC POWER PRODUCT	17545 PATTERSON PASS RD	95377	NPDES, HAZNET
TRACY	S110496276	LAWRENCE LIVERMORE NATIONAL LABORA	SITE 300 PIT RD & I 580		SWF/LF
TRACY	92256398	TRACY PUMPING PLANT	TRACY PUMPING PLANT		ERNS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/07/2012	Source: EPA
Date Data Arrived at EDR: 07/05/2012	Telephone: N/A
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 08/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/10/2012
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/13/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 08/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/10/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/06/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/21/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 08/06/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/21/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 30

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 07/19/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 07/19/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/25/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/19/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/06/2012
Number of Days to Update: 18

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-5092
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 69

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/28/2012
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 76

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/12/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/06/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/21/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 02/17/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 42

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/25/2012
Date Data Arrived at EDR: 06/25/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/19/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 07/09/2012
Date Data Arrived at EDR: 07/12/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 56

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/16/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 34

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/06/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/21/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/14/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/06/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/29/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/27/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/12/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/11/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 03/28/2012
Date Data Arrived at EDR: 05/01/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 24

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 07/19/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 49

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 07/19/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/01/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/12/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/20/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/27/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 06/21/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/11/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/11/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/31/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 12/09/2011
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 35

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/19/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 69

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 01/19/2012
Date Data Arrived at EDR: 01/19/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 33

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/15/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 14

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 05/24/2012
Date Data Arrived at EDR: 06/05/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: N/A

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/23/2012
Date Data Arrived at EDR: 05/24/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 43

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/14/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/31/2012
Date Data Arrived at EDR: 06/01/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/16/2012
Date Data Arrived at EDR: 07/17/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/14/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 06/01/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 24

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/19/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 06/13/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/06/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 05/29/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 23

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/26/2012
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/23/2012
Date Data Arrived at EDR: 07/26/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 42

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 09/13/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/29/2011
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 19

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 07/24/2012
Date Data Arrived at EDR: 07/27/2012
Date Made Active in Reports: 09/14/2012
Number of Days to Update: 49

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/12/2012
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 08/02/2012
Number of Days to Update: 10

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/12/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 07/24/2012
Date Data Arrived at EDR: 07/31/2012
Date Made Active in Reports: 09/14/2012
Number of Days to Update: 45

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/23/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/29/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 24

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 24

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/14/2012
Number of Days to Update: 32

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/12/2012
Date Data Arrived at EDR: 06/13/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 23

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 49

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/06/2012
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 04/16/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 22

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2012
Date Data Arrived at EDR: 04/17/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 21

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/30/2012
Date Data Arrived at EDR: 05/31/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 36

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/13/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 39

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/25/2012
Date Data Arrived at EDR: 06/27/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 34

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 07/09/2012
Date Data Arrived at EDR: 07/16/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 52

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/19/2012
Date Data Arrived at EDR: 06/20/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 16

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/13/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 06/04/2012
Date Data Arrived at EDR: 06/08/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 28

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 09/04/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/15/2012
Date Data Arrived at EDR: 05/15/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 10

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/18/2012
Date Data Arrived at EDR: 06/21/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 15

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/13/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/18/2012
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 14

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/13/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 03/31/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 08/09/2012
Number of Days to Update: 41

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 24

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/30/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 42

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/24/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/14/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/28/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 35

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/30/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 06/27/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 32

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/29/2012
Date Data Arrived at EDR: 07/09/2012
Date Made Active in Reports: 08/02/2012
Number of Days to Update: 24

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/09/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BIOMASS POWER PLANT
14800 WEST SCHULTE ROAD
TRACY, CA 95377

TARGET PROPERTY COORDINATES

Latitude (North):	37.7211 - 37˚ 43' 15.96''
Longitude (West):	121.4961 - 121˚ 29' 45.96''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	632544.1
UTM Y (Meters):	4175730.5
Elevation:	134 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37121-F4 TRACY, CA
Most Recent Revision:	1981
West Map:	37121-F5 MIDWAY, CA
Most Recent Revision:	1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

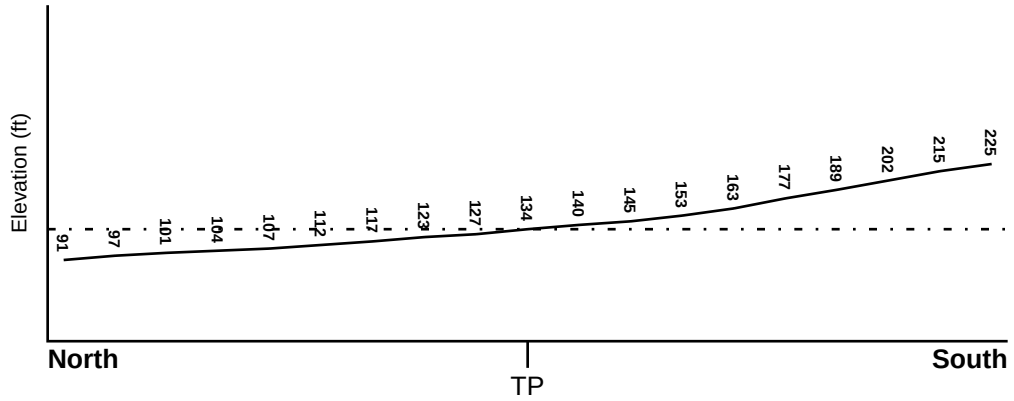
TOPOGRAPHIC INFORMATION

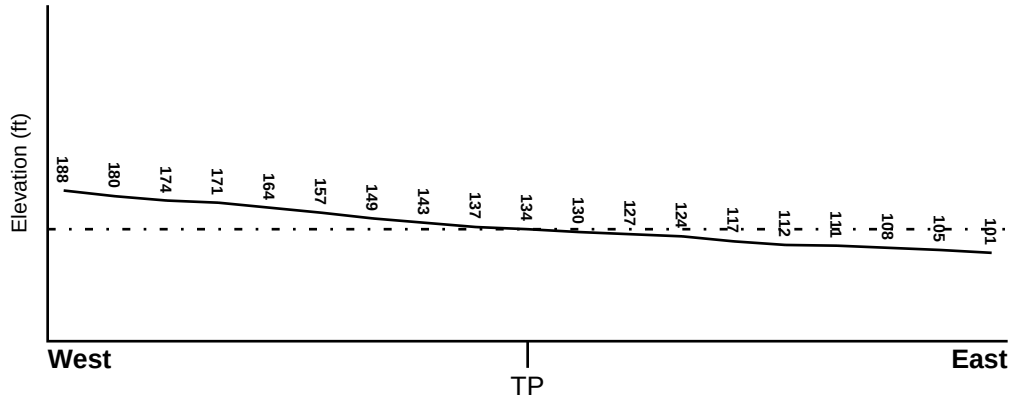
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 134 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SAN JOAQUIN, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06077C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TRACY	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

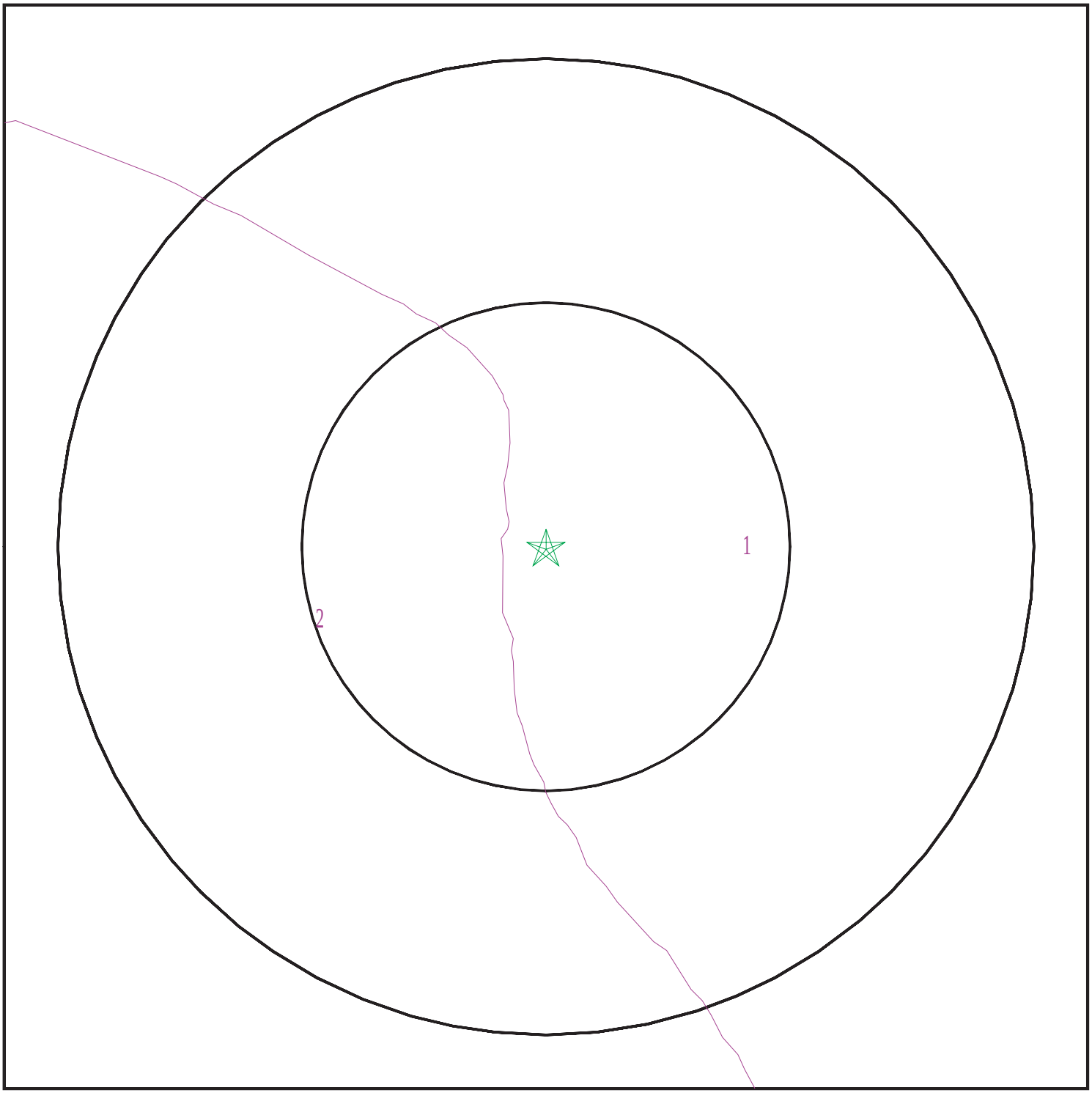
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3416342.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: Biomass Power Plant ADDRESS: 14800 West Schulte Road Tracy CA 95377 LAT/LONG: 37.7211 / 121.4961	CLIENT: TRC CONTACT: Charina Gaspay INQUIRY #: 3416342.2s DATE: September 24, 2012 4:34 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Capay

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	20 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: STOMAR

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
2	16 inches	46 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	46 inches	59 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS3222925	1/4 - 1/2 Mile SSW
2	USGS3222908	1/2 - 1 Mile SE
A4	USGS3222938	1/2 - 1 Mile West
7	USGS3222939	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

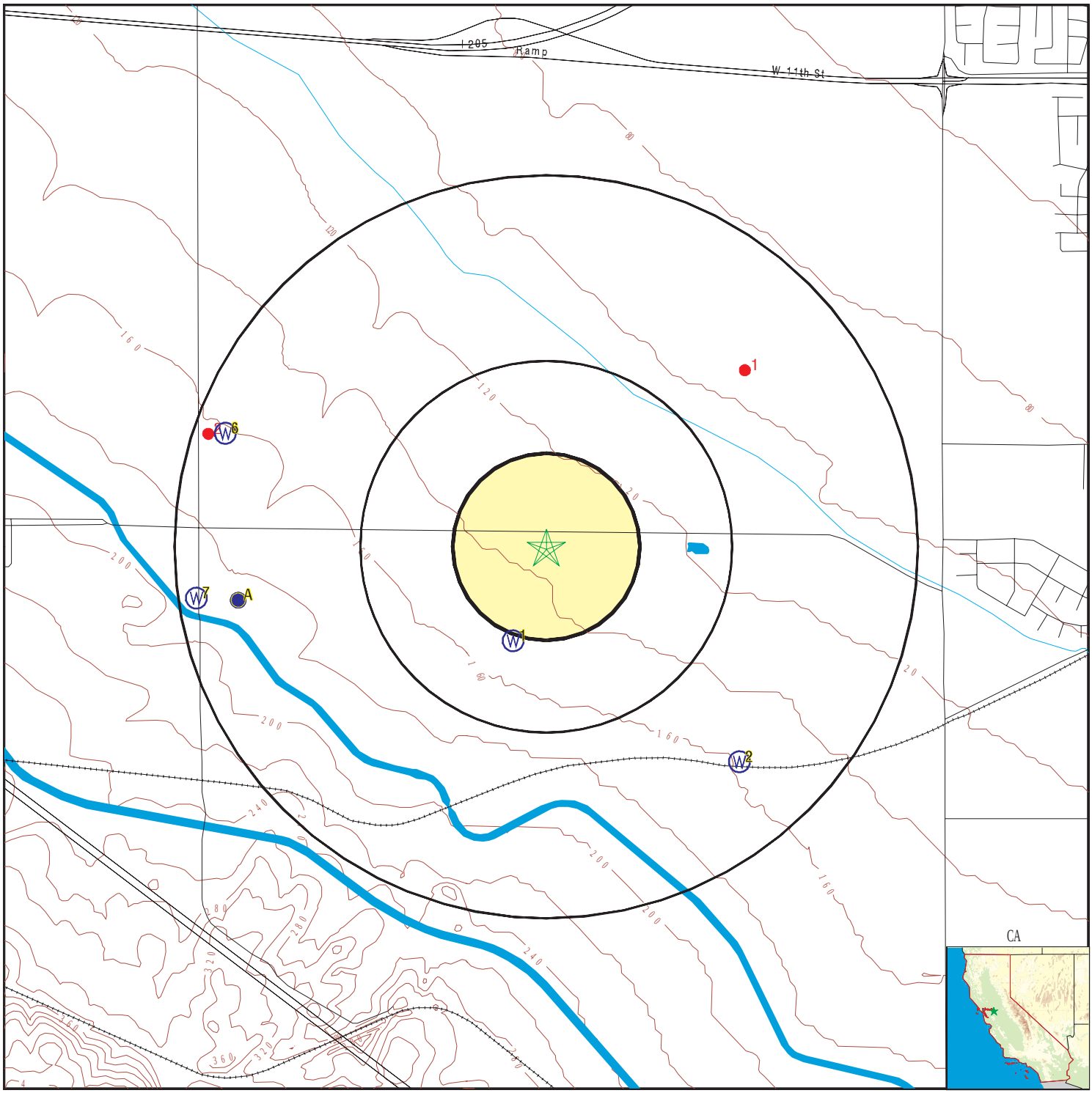
MAP ID	WELL ID	LOCATION FROM TP
A3	CADW40000038171	1/2 - 1 Mile West
A5	CADW40000038172	1/2 - 1 Mile West
6	CADW40000038206	1/2 - 1 Mile WNW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG80000201419	1/2 - 1 Mile NE
2	CAOG80000201413	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 3416342.2s



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
Oil, gas or related wells

N

SITE NAME: Biomass Power Plant	CLIENT: TRC
ADDRESS: 14800 West Schulte Road	CONTACT: Charina Gaspay
Tracy CA 95377	INQUIRY #: 3416342.2s
LAT/LONG: 37.7211 / 121.4961	DATE: September 24, 2012 4:34 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **SSW** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS3222925**

Agency cd:	USGS	Site no:	374303121294801
Site name:	002S004E35H001M		
Latitude:	374303	EDR Site id:	USGS3222925
Longitude:	1212948	Dec lat:	37.71742969
Dec lon:	-121.49772384	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	077
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	150.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Joaquin Delta. California. Area = 938 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19610101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	TULARE AQUIFER		
Well depth:	514	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	8479423710		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1967-05-02
Water quality data end date:	1979-05-24	Water quality data count:	2
Ground water data begin date:	1967-05-01	Ground water data end date:	1967-05-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-05-01	186.00	

2 **SE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS3222908**

Agency cd:	USGS	Site no:	374246121290801
Site name:	002S004E36L001M		
Latitude:	374246	EDR Site id:	USGS3222908
Longitude:	1212908	Dec lat:	37.7127075
Dec lon:	-121.4866124	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	077
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	154.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Joaquin Delta. California. Area = 938 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19610101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	600	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	8479423710		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1967-05-01	Ground water data end date:	1967-05-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-05-01	180.00	

A3
West
1/2 - 1 Mile
Higher

CA WELLS **CADW40000038171**

Longitude:	-121.5097
Latiude:	37.7189
Stwellno:	02S04E35D002M
Districtco:	8
Welluseco:	Z
Countyco:	39
Gwcode:	502215
Site id:	CADW40000038171

A4
West
1/2 - 1 Mile
Higher

FED USGS **USGS3222938**

Agency cd:	USGS	Site no:	374309121303601
Site name:	002S004E35D002M		
Latitude:	374309	EDR Site id:	USGS3222938
Longitude:	1213036	Dec lat:	37.71909632
Dec lon:	-121.51105755	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	077
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	183.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Joaquin Delta. California. Area = 938 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19510101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	305	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	8479423710		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A5
West
1/2 - 1 Mile
Higher

CA WELLS **CADW40000038172**

Longitude:	-121.5108
Latiude:	37.7192
Stwellno:	02S04E35D001M
Districtco:	8
Welluseco:	Z
Countyco:	39
Gwcode:	502215
Site id:	CADW40000038172

6
WNW
1/2 - 1 Mile
Higher

CA WELLS **CADW40000038206**

Longitude:	-121.5108
Latiude:	37.7256
Stwellno:	02S04E26M001M
Districtco:	8
Welluseco:	Z
Countyco:	39
Gwcode:	502215
Site id:	CADW40000038206

7
West **FED USGS** **USGS3222939**
1/2 - 1 Mile
Higher

Agency cd:	USGS	Site no:	374309121304401
Site name:	002S004E34A002M		
Latitude:	374309	EDR Site id:	USGS3222939
Longitude:	1213044	Dec lat:	37.71909631
Dec lon:	-121.51327983	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	077
Country:	US	Land net:	SENENES34T02SR04EM
Location map:	MIDWAY	Map scale:	24000
Altitude:	190.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Joaquin Delta. California. Area = 938 sq.mi.		
Topographic:	Undulating		
Site type:	Ground-water other than Spring	Date construction:	19760920
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	217	Hole depth:	265
Source of depth data:	Not Reported		
Project number:	8479423710		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1976-09-20	Ground water data end date:	1976-09-20
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1976-09-20	142.00	

Map ID Direction Distance	Database	EDR ID Number

1
NE
1/2 - 1 Mile

OIL_GAS **CAOG80000201419**

Districtnu:	6	Apinumber:	07720016
Activewell:	N	Well type:	DG
Wellsymbol:	DH	Confidenti:	Not Reported
Operatorna:	The Termo Co.		
Wellnumber:	1	Leasename:	Lourenco
Blmwell:	Not Reported	Countyname:	San Joaquin
Fieldname:	Not Reported		
Areaname:	Not Reported		
Section :	25	Township:	2S
Range:	4E	Basemeridi:	MD
Elevation:	Not Reported		
Locationde:	Not Reported		
Latitude83:	37.727989		
Longitude8:	-121.486347		
Gissourcec:	HUD		
Comments:	Not Reported		
Operatorco:	T1200	Cacountyco:	077
Fieldcode:	000	Areacode:	00
Td:	6607		
Site id:	CAOG80000201419		

2
WNW
1/2 - 1 Mile

OIL_GAS **CAOG80000201413**

Districtnu:	6	Apinumber:	07700337
Activewell:	N	Well type:	DG
Wellsymbol:	DH	Confidenti:	Not Reported
Operatorna:	Richard S. Rheem, Operator		
Wellnumber:	1	Leasename:	Weaver-Cordes
Blmwell:	Not Reported	Countyname:	San Joaquin
Fieldname:	Not Reported		
Areaname:	Not Reported		
Section :	26	Township:	2S
Range:	4E	Basemeridi:	MD
Elevation:	Not Reported		
Locationde:	Not Reported		
Latitude83:	37.72551		
Longitude8:	-121.512698		
Gissourcec:	HUD		
Comments:	Not Reported		
Operatorco:	07288	Cacountyco:	077
Fieldcode:	000	Areacode:	00
Td:	8222		
Site id:	CAOG80000201413		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95377	2	0

Federal EPA Radon Zone for SAN JOAQUIN County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN JOAQUIN COUNTY, CA

Number of sites tested: 20

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.530 pCi/L	90%	10%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.050 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Appendix D
Historical Research Documentation

Draft

Biomass Power Plant
14800 West Schulte Road
Tracy, CA 95377

Inquiry Number: 3416342.7S
October 11, 2012

The EDR Chain of Title Report

EDR Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Chain of Title

The EDR Chain of Title Report tracks a line of successive owners from the present back to 1940 of a particular parcel of property, linked together by recorded transactions which pass title. Available nationwide, this report provides a summary of a property's ownership history and is a valuable source for determining the prior uses of a property

A network of professional abstractors following established procedures, uses client supplied address Information to locate:

- Historical Chain of Title research
- Leases and Miscellaneous

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Chain of Title

TARGET PROPERTY INFORMATION

ADDRESS

Biomass Power Plant
14800 West Schulte Road
Tracy, CA 95377

Research Source

Source 1:	San Joaquin County Assessor
Source 2:	San Joaquin County Recorder
Examiner's Note:	Public records of San Joaquin County, California were searched from January 1, 1940 to October 10, 2012, and no other deeds vesting title in the subject property were found of record during the period searched.

PROPERTY DESCRIPTION

Current Owner:	Thermal Energy Development Partnership, LP, a Delaware limited partnership
Legal Description:	All that certain piece or parcel of land being a portion of the Western Half of Section 36, Township 2 South, Range 4 East, Mount Diablo Base and Meridian, according to the Official Plat thereof, described as Parcel A, as shown upon that certain Map filed for record 02/10/1988, in Book 15 of Parcel Maps, Page 118, situate and lying in the County of San Joaquin, State of California.
Property Identifiers:	20924023

HISTORICAL CHAIN OF TITLE

See Exhibit "A"

LEASES AND MISCELLANEOUS

See Exhibit "B" - Not Requested

EDR Chain of Title

Chain of Title

Exhibit “A”

EDR Chain of Title

HISTORICAL CHAIN OF TITLE

PARCEL NO. 1

Chain 1

Type of Deed: Deed
Title received from: Sacramento Northern Railway
Title is vested in: Annette Egesdal
Date Recorded: 04/19/1947
Instrument Number: 9947

Type of Deed: Deed
Title received from: Annette Egesdal
Title is vested in: Karl B. Schulties
Date Recorded: 08/11/1955
Instrument Number: 12147

Type of Deed: Deed
Title received from: Karl B. Schulties
Title is vested in: Standard Realty and Development Company
Date Recorded: 09/03/1970
Book: 3430
Page: 72

Type of Deed: Deed
Title received from: Standard Realty and Development Company
Title is vested in: Owens Illinois, Inc.
Date Recorded: 07/13/1979
Instrument Number: 52090

Type of Deed: Deed
Title received from: Owens Illinois, Inc.
Title is vested in: Owens – Illinois Glass Container, Inc.
Date Recorded: 04/15/1987
Instrument Number: 33017

Type of Deed: Corporation Grant Deed
Title received from: Owens – Illinois Glass Container, Inc., a Delaware corporation
Title is vested in: Thermal Energy Development Partnership, LP, a Delaware limited partnership
Date Recorded: 09/22/1988
Instrument Number: 88080324

EDR Chain of Title

LEASES and MISCELLANEOUS

Exhibit “B”

EDR Chain of Title

LEASES and MISCELLANEOUS

1. Type of Instrument:
First Party:
Second Party:
Recorded:
Book:
Page:
Document No.:

2. Type of Instrument:
First Party:
Second Party:
Recorded:
Book:
Page:
Document No.:

RECORDING REQUESTED BY

TICOR TITLE INSURANCE COMPANY
272010/SM

AND WHEN RECORDED MAIL TO

Name
Street Address
City & State

THERMAL ENERGY DEVELOPMENT
PARTNERSHIP, L.P.
COMMUNITY ENERGY ALTERNATIVES
1200 RIDGEWOOD AVENUE EAST
RIDGEWOOD, NEW JERSEY 07450

88080324

SAN JOAQUIN COUNTY
RECORDER'S OFFICE
YVONNE L. UDALL

88 SEP 22 AM 11:50

RECORDED AT REQUEST OF
~~Ticor Title Insurance Co.~~
FEE

DOCUMENTARY TRANSFER TAX
County of San Joaquin
759 55

NAME TAX STATEMENTS TO

Name
Street Address
City & State

same as above

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Corporation Grant Deed

CAT. NO. NN00578
TO 1921 CA (2-83)

THIS FORM FURNISHED BY TICOR TITLE INSURERS

ALL
PTN.

The undersigned grantor(s) declare(s):
Documentary transfer tax is $ 759.55.
(xx) computed on full value of property conveyed, or
( ) computed on full value less value of liens and encumbrances remaining at time of sale.
(xx) Unincorporated area: ( ) City of _____, and
FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

OWENS - ILLINOIS GLASS CONTAINER, INC.,

a corporation organized under the laws of the State of Delaware hereby GRANTS to

THERMAL ENERGY DEVELOPMENT PARTNERSHIP, L.P., a Delaware Limited Partnership

the following described real property in the unincorporated area of the County of San Joaquin, State of California:

SEE EXHIBIT "A" ATTACHED FOR LEGAL DESCRIPTION

In Witness Whereof, said corporation has caused its corporate name ~~and seal~~ to be affixed hereto and this instrument to be executed by its Vice President and Asst Secretary thereunto duly authorized.

Dated 9/14/88

OWENS - ILLINOIS GLASS CONTAINER, INC.

By Joan L. Hodges Vice President

By R E Jones Asst-Secretary

STATE OF ~~CALIFORNIA~~ Ohio
COUNTY OF Lucas } ss.

On September 14, 1988, before me, the undersigned, a Notary Public in and for said State, personally appeared John L. Hodges personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as the Vice President, and Robert E. Jones personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as the Assistant Secretary of the Corporation that executed the within instrument and acknowledged to me that such corporation executed the within instrument pursuant to its by-laws or a resolution of its board of directors.
WITNESS my hand and official seal.

Signature Joann Dannible

JOANN DANNIBALE
Notary Public, Lucas County, Ohio
My Commission Expires August 11, 1990

(This area for official notarial seal)

Title Order No. _____ Escrow or Loan No. _____

MAIL TAX STATEMENTS AS DIRECTED ABOVE

88080324

EXHIBIT A

LEGAL DESCRIPTION

That certain real property situated in the County of San Joaquin, State of California, described as follows:

PARCEL ONE:

A portion of the Western half of Section thirty-six (36), Township two (2) South, Range four (4) East, Mount Diablo Base and Meridian, according to the Official Plat thereof, situated in the County of San Joaquin, State of California, described as follows:

Parcel A as shown upon that certain Map filed for record February 10, 1988, in Book 15 of Parcel Maps, page 118, San Joaquin County Records.

PARCEL TWO:

A non-exclusive easement for the purpose of constructing, reconstructing, operating, maintaining and removing therefrom a pipeline for drainage purposes at a depth from the top of said pipeline to the ground surface of at least 30 inches and for the purpose of constructing, reconstructing, and maintaining an open ditch for drainage purposes, together with the right to enter, upon said Easement for the purpose of constructing, maintaining and repairing said pipeline and said open ditch and more particularly described as follows:

COMMENCING at the Northwest corner of Section thirty-six (36), Township two (2) South, Range four (4) East, Mount Diablo Base and Meridian; running thence South 89 degrees 27' 32" East, a distance of 2051.25 feet; running thence South 0 degrees 00' 19" West, a distance of 45.0 feet to point of beginning; thence South 89 degrees 27'32" East, a distance of 1661.69 feet; thence North 57 degrees 56'32" East, a distance of 27.54 feet to the Southerly line of Schulte Road; thence along said line South 89 degrees 27'32" East, a distance of 27.54 feet; thence South 57 degrees 56'32" West, 55.08 feet; thence North 89 degrees 27'32" West, a distance of 1665.99 feet; thence North 0 degrees 00'19" East, a distance of 15.00 feet to point of beginning.

PARCEL THREE:

A non-exclusive easement for the purpose of constructing, reconstructing, operating, maintaining and removing therefrom a pipeline for drainage purposes at a depth from the top of said pipeline to the ground surface of at least 30 inches and for the purpose of constructing, reconstructing, and maintaining an open ditch for drainage purposes, together with the right to enter, upon said Easement for the purpose of constructing, maintaining and repairing said pipeline and said open ditch and more particularly described as follows:

88080324

COMMENCING at the Northwest corner of Section thirty-six (36), Township two (2) South, Range four (4) East, Mount Diablo Base and Meridian running thence South 89 degrees 27'-32" East a distance of 2091.25 feet; running thence South a distance of 45.0 feet to the true point of beginning; thence North 89 degrees 27'32" West 50.00 feet; thence South 15.00 feet; thence South 89 degrees 27'32" East 50.00 feet; thence North 15.00 feet to the True Point of Beginning.

APN: PORTION OF 209 240 02

Biomass Power Plant
14800 West Schulte Road
Tracy, CA 95377

Inquiry Number: 3416342.6
September 27, 2012

The EDR-City Directory Image Report

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2000	☑	☐	Polk's City Directory
1996	☑	☐	Polk's City Directory
1991	☑	☐	Polk's City Directory
1985	☐	☐	Polk's City Directory
1977	☐	☐	Polk's City Directory
1971	☐	☐	Polk's City Directory
1965	☐	☐	Polk's City Directory
1959	☐	☐	Polk's City Directory

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FINDINGS

TARGET PROPERTY STREET

14800 West Schulte Road
Tracy, CA 95377

Year	*CD Image*	*Source*	
West Schulte Road			
2000	pg A1	Polk's City Directory	
1996	pg A2	Polk's City Directory	
1991	pg A3	Polk's City Directory	
1985	-	Polk's City Directory	Street not listed in Source
1977	-	Polk's City Directory	Street not listed in Source
1971	-	Polk's City Directory	Street not listed in Source
1965	-	Polk's City Directory	Street not listed in Source
1959	-	Polk's City Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	Polk's City Directory

West Schulte Road 2000

SCHIRRA CT to SCOTT ST

W SCHULTE RD (T)

Ⓝ Stroud Matthew E ♠
Stroud Lela R
+ S CHRISMAN RD INTERSECTS
· ZIP CODE 95376 CAR-RT R001
12345 Mast Daniel P & Diana [9]+ ♠
12355 Ⓝ Moitoso G P 835-0271
12680 Ⓝ Torres Pena C 833-0142
12770 Moniz Robert L & Billie [9]+ ♠ 835-4761
12780 Ⓝ Moniz Mark 835-5838
MONIZ MARK busn consltng 832-0282
+ S LAMMERS RD INTERSECTS
· ZIP CODE 95376 CAR-RT R005
14700 GLASS CONTAINER DIVISION glass containers 835-5701
OWENS-BROCKWAY GLASS CONTAINER glass containers 836-8200
14800 TRACY OPERATORS elec svcs 835-6914
15400 Lopez Jose O [9]+ ♠
Lopez Alma C
16900 MONUMENT SECURITY 833-4747
SAFE AMERICA FEDERAL CREDIT UNION fdrl credit unions 833-4700
UNION SAFEWAY WAREHOUSE 35 GROCERY grocery stores 832-4047
Wilson Harlan A [7] ♠ 832-0624
Wright Edgar J Jr [7] ♠
+ GATEWAY BLVD BEGINS
BUSINESSES 11 HOUSEHOLDS 32

SCOTCH PINE CT (TRACY)-
· ZIP CODE 95376 CAR-RT R007

Target Street	Cross Street	Source
✓	-	Polk's City Directory

West Schulte Road 1996

W SCHULTE RD *cont'd*

Address		Zip+4	CarrRte	Phone
	Mattos Richard N	-9148	R012	835-0385
8606	Alvarez Joe Jr	-9148	R012	835-3082
8966	Alvarez Emilio	-9148	R012	836-4289
12355	Moitoso G P	-8111	R001	835-0271
12680	Torres Maria D	-8111	R001	833-0142
12770	Moniz R L	-9107	R001	835-4761
12780	TRIAD WATER SYSTEMS INTL INC	-9107	R001	832-0282
	Moniz Mark	-9107	R001	835-5838
14700	OWENS BROCKWAY GLASS CONTAINER	-8795	R005	835-5701
14800	THERMAL ENERGY DEVELOPMENT	-8795	R005	835-6914
16900	SAFE AMERICA FEDERAL CU	-8985	R005	832-4047
	SDMI	-8985	R005	833-4700
	SPECIALIZED DISTRIBUTION MGMT	-8985	R005	835-1844

BUSINESSES 8 HOUSEHOLDS 14

SCOTCH PINE CT *(TR)* 95376

Target Street	Cross Street	Source
✓	-	Polk's City Directory

West Schulte Road 1991

SCHOOL ST–Contd

8★Ellington Lorene Mrs
835-8605
670 Apartments
1★Beltram Ruby Mrs
2★Mc Allester Mary Lou
3 Lopez R
4★Guerrero Rosa
5★Smith Debbie
6 Gomez Henry
7★Webb Paula
8 Villarreal Patricia
690 Apartments
1★Quijada Henry
2★Hix Ruby
3★Church Paul
4★Sira Louie
5 Gonzalez Cathy
6★Early Diane
7 Hayes R
8★Kennedy Jessie
9TH ST INTERSECTS

3

SCHULTE RD SOUTH –FROM TRACY BLVD EAST

ZIP CODE 95376
430 Brown E O Jr 836-1297
440 O'Neil Thos C 835-2379
450 Stone D
500 Sullivan Dean S
520 Yeszin Edw ◎ 835-5326
540-560 No Return (2 Hses)
580 Lee Man ◎
600 Tracy Cemetery 835-2930
7750★Potter Eric
7818★Alvarez Peter ◎
8235★Cardoza Lynn
8567★Mattos B R ◎ 835-6609
E Q P Mattos Transport
trucking-express lines
835-6609
Mattos Richd N
8606★Alvarez Jos Jr
8842 Tracy Garden
8966★Graham Jas
8898 No Return
12355★Moitoso G P
★Garcia Jose
12359-12763 No Return (2 Hses)
12770★Moniz R L
12780★Moniz Mark
14700 Owens-Brockway Inc
recycling 836-8274
Owens-Brockway Inc ship
836-8245
Owens-Brockway Inc admn
bldg 836-8200
Owens-Brockway Inc accts
836-8233
Owens-Brockway Inc
purchasing 836-8227
16502★Roderick John

5

SCHULTE RD EXTENSION –FROM S P R R WEST TO CITY LIMITS

ZIP CODE 95376

3

SCOTCH PINE CT –FROM DEERWOOD LA SOUTH

ZIP CODE 95376
1820 Dumas Melvyn ◎ 835-4354
1821 Montalvo Isabel 832-0225
1840 Standart Bill ◎ 836-4186
1841 Maiwald Robt L
1860 Carter Darrell ◎ 835-8757
1861 Rink David 835-1180
1880 No Return
1881 Cannon Robert ◎ 836-3744
1890 Eastman Alan D 835-6826
1891 Saalwaechter Craig 836-2606
1900 Burness Scott ◎ 836-0342

30

SCOTT ST –FROM TAMMI CT SOUTH TO HOLDER LA

ZIP CODE 95376
1705-1725 Vacant (2 Hses)
1735 No Return
1755 Vacant
1765 No Return

5

SEQUOIA BLVD –FROM CYPRESS DR NORTH & WEST

ZIP CODE 95376
CYPRESS DR BEGINS
425 Maclean Wm ◎ 835-8108
451★Reddle Geo A 832-7955
475 Pehle Steve 836-0519
499 Serna Larry ◎ 832-2645
519 Donsmorrs Gary 835-3156

EACH OFFICE INDEPENDENTLY OWNED & OPERATED

Biomass Power Plant
14800 West Schulte Road
Tracy, CA 95377

Inquiry Number: 3416342.3
September 24, 2012

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
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800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

9/24/12

Site Name:
Biomass Power Plant
14800 West Schulte Road
Tracy, CA 95377

EDR Inquiry # 3416342.3

Client Name:
TRC
101 Second Street Suite 300
San Francisco, CA 94501

Contact: Charina Gaspay

EDR® Environmental Data Resources Inc

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Certified Sanborn Results:

Site Name: Biomass Power Plant
Address: 14800 West Schulte Road
City, State, Zip: Tracy, CA 95377
Cross Street:
P.O. # 197375
Project: Biomass Power Plant
Certification # 06DD-48EB-A827

Sanborn® Library search results
Certification # 06DD-48EB-A827

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The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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Biomass Power Plant
14800 West Schulte Road
Tracy, CA 95377

Inquiry Number: 3416342.4
September 25, 2012

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EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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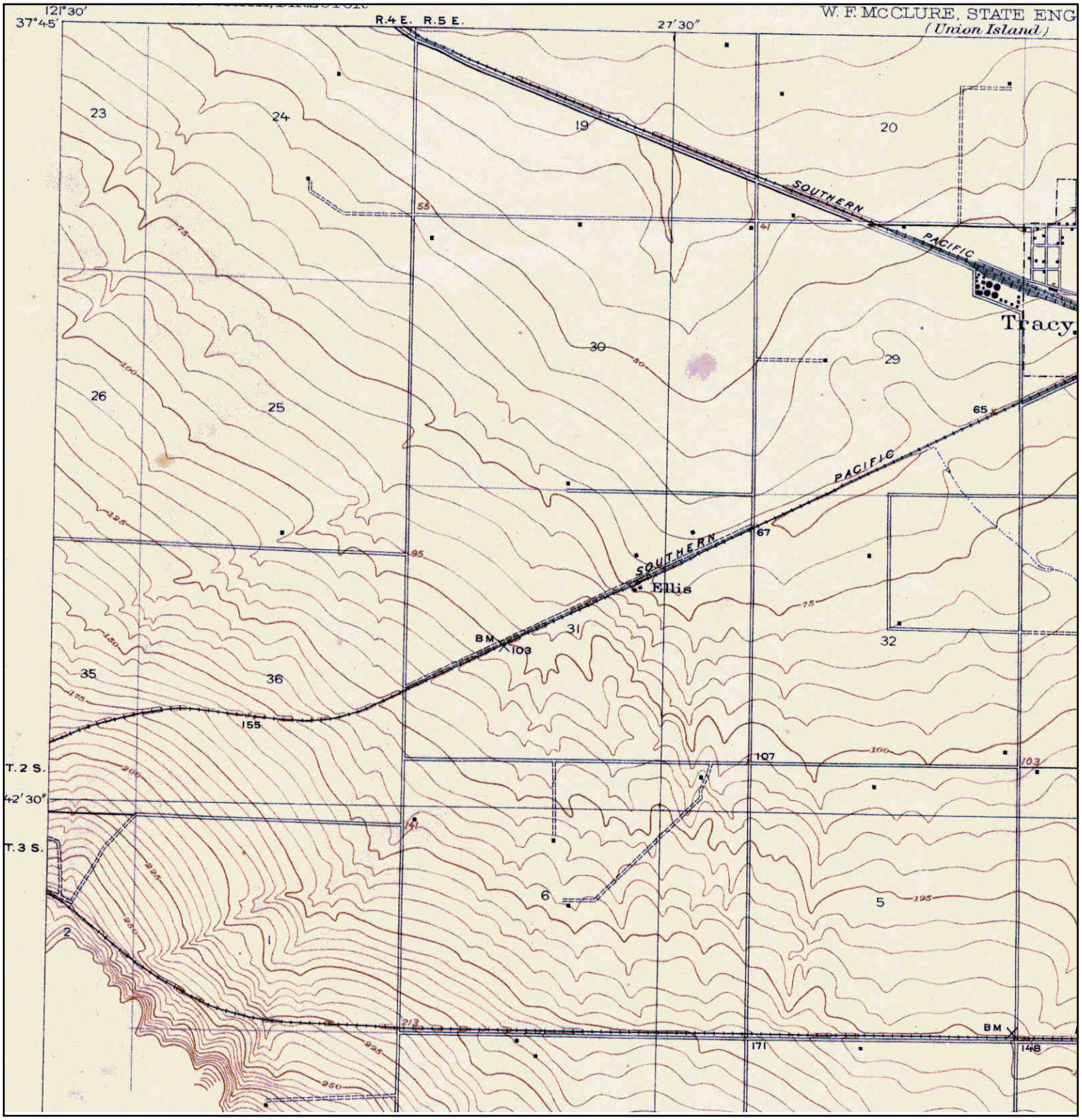
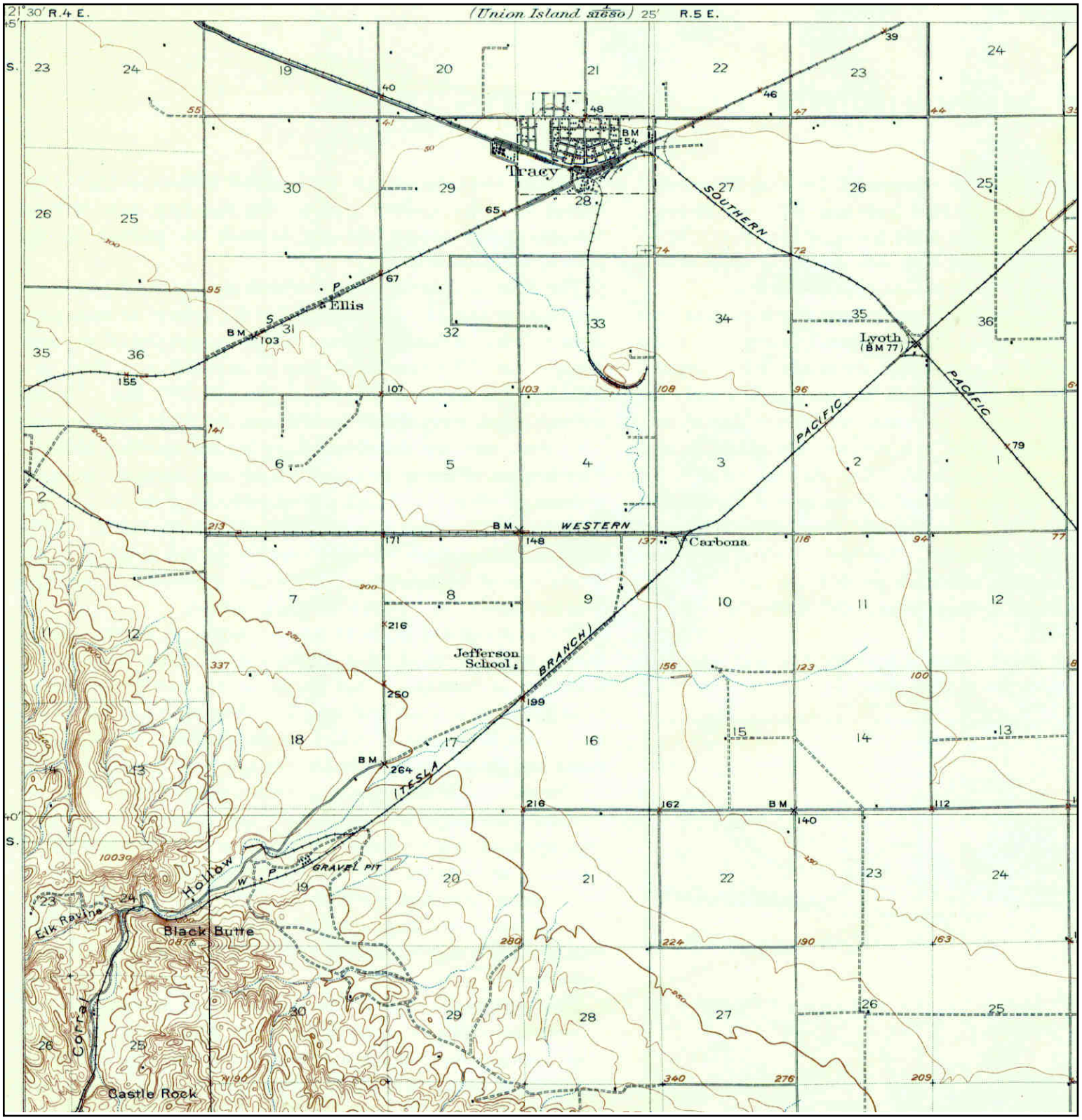


Unsurveyed Area on the Topographic Map

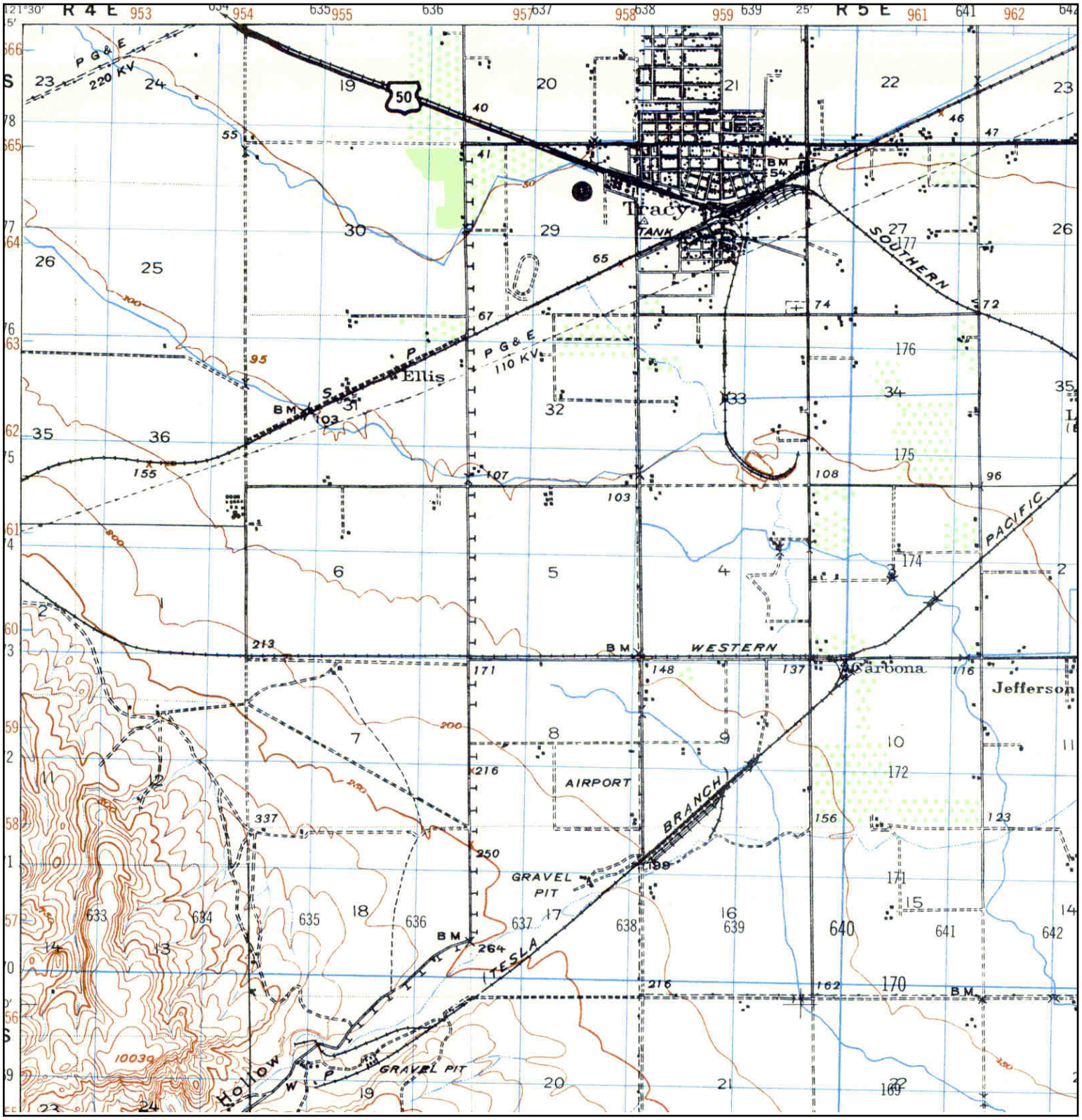
N	TARGET QUAD NAME: TRACY MAP YEAR: 1916 PRELIMINARY SERIES: 7.5 SCALE: 1:31680	SITE NAME: Biomass Power Plant ADDRESS: 14800 West Schulte Road Tracy, CA 95377 LAT/LONG: 37.7211 / -121.4961	CLIENT: TRC CONTACT: Charina Gaspay INQUIRY#: 3416342.4 RESEARCH DATE: 09/25/2012

Historical Topographic Map



N	TARGET QUAD NAME: CARBONA MAP YEAR: 1922 SERIES: 15 SCALE: 1:62500	SITE NAME: Biomass Power Plant ADDRESS: 14800 West Schulte Road Tracy, CA 95377 LAT/LONG: 37.7211 / -121.4961	CLIENT: TRC CONTACT: Charina Gaspay INQUIRY#: 3416342.4 RESEARCH DATE: 09/25/2012

Historical Topographic Map



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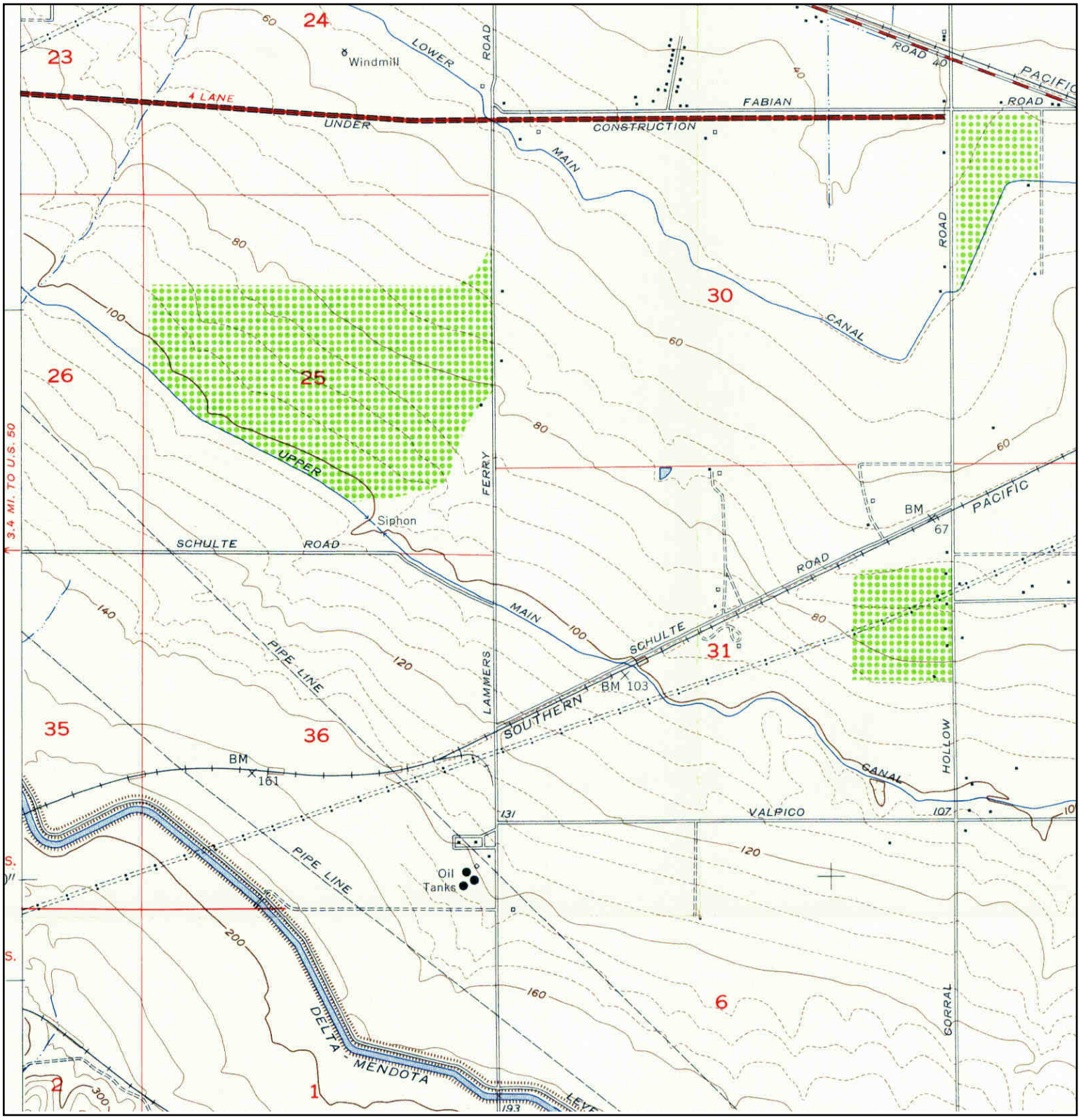

N	TARGET QUAD NAME: TRACY MAP YEAR: 1954 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Biomass Power Plant ADDRESS: 14800 West Schulte Road Tracy, CA 95377 LAT/LONG: 37.7211 / -121.4961	CLIENT: TRC CONTACT: Charina Gaspay INQUIRY#: 3416342.4 RESEARCH DATE: 09/25/2012

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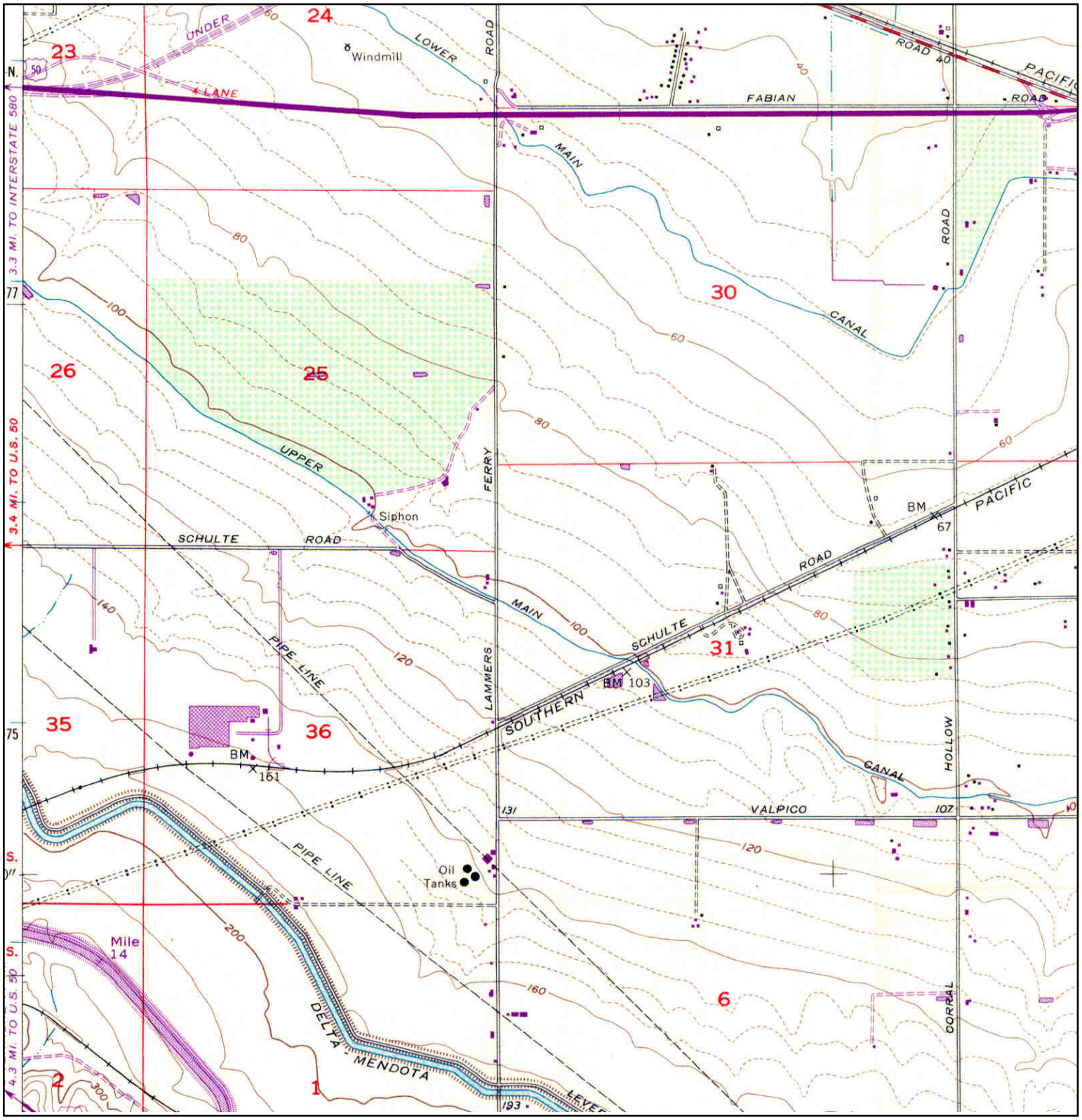

N	TARGET QUAD NAME: TRACY MAP YEAR: 1968 PHOTOREVISED FROM :1954 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Biomass Power Plant ADDRESS: 14800 West Schulte Road Tracy, CA 95377 LAT/LONG: 37.7211 / -121.4961	CLIENT: TRC CONTACT: Charina Gaspay INQUIRY#: 3416342.4 RESEARCH DATE: 09/25/2012

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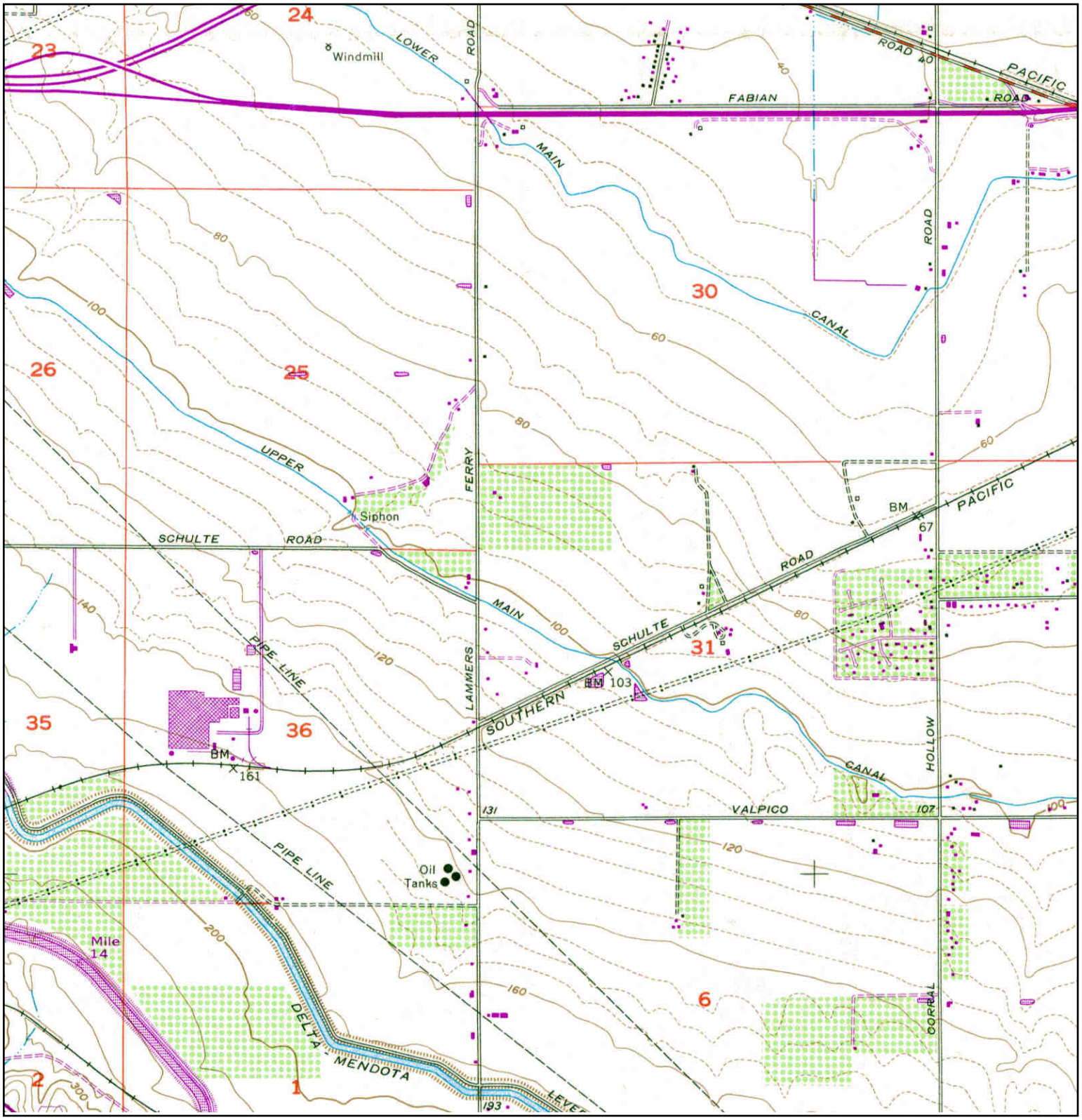
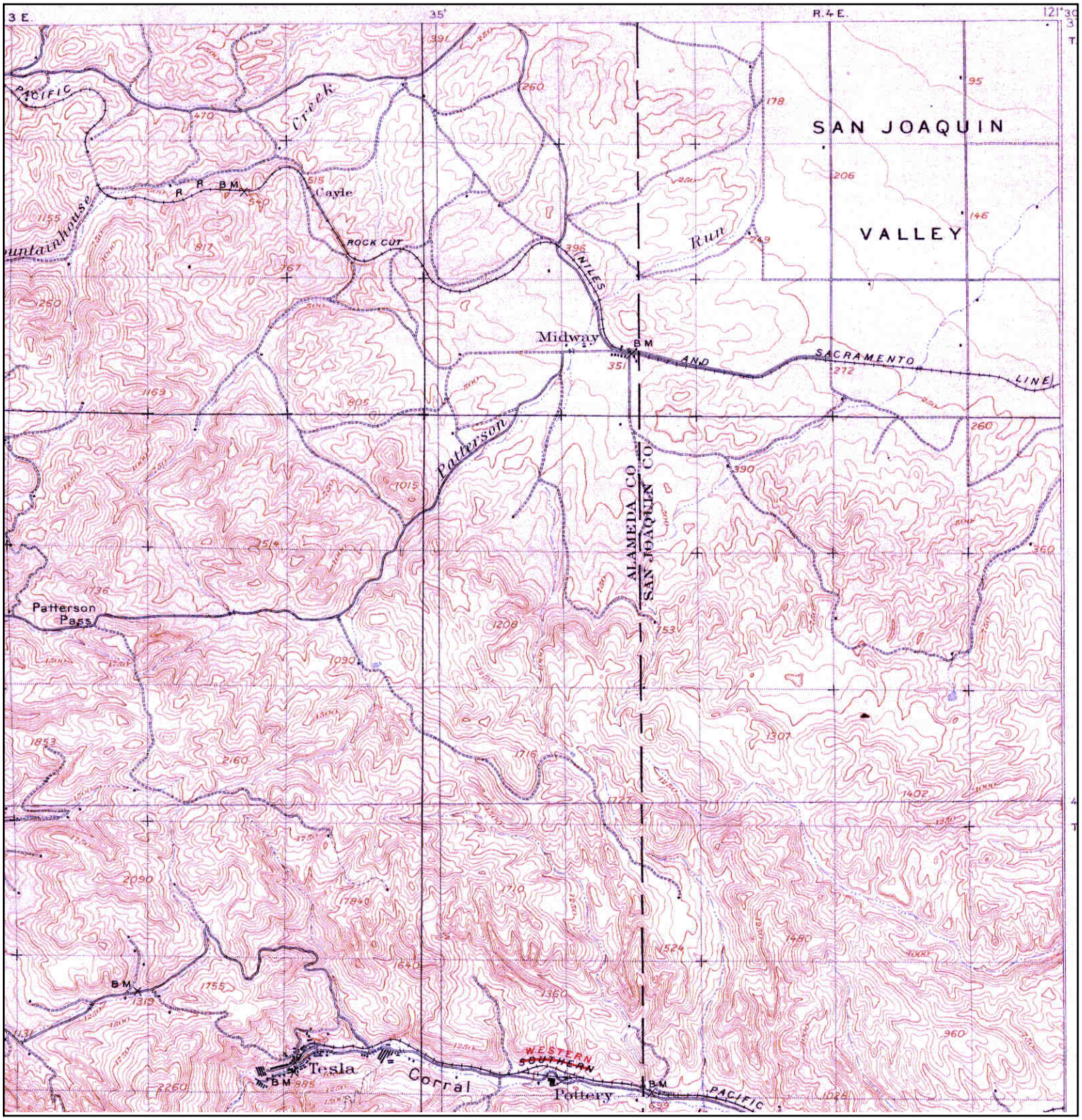


N	TARGET QUAD NAME: TRACY MAP YEAR: 1981 PHOTOREVISED FROM :1954 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Biomass Power Plant ADDRESS: 14800 West Schulte Road Tracy, CA 95377 LAT/LONG: 37.7211 / -121.4961	CLIENT: TRC CONTACT: Charina Gaspay INQUIRY#: 3416342.4 RESEARCH DATE: 09/25/2012

Historical Topographic Map

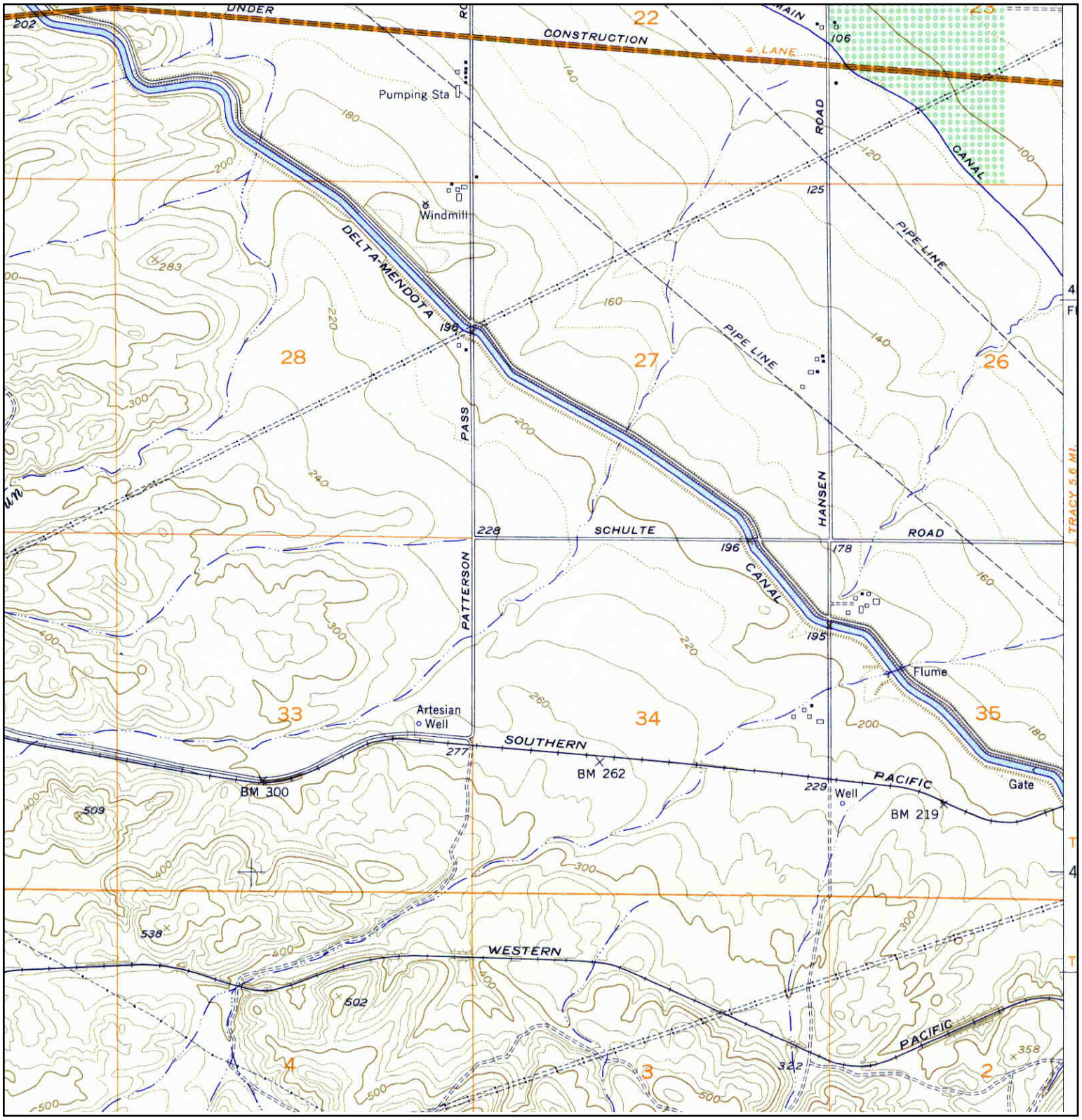


N	ADJOINING QUAD NAME: TESLA MAP YEAR: 1907 SERIES: 15 SCALE: 1:62500	SITE NAME: Biomass Power Plant ADDRESS: 14800 West Schulte Road Tracy, CA 95377 LAT/LONG: 37.7211 / -121.4961	CLIENT: TRC CONTACT: Charina Gaspay INQUIRY#: 3416342.4 RESEARCH DATE: 09/25/2012

Historical Topographic Map

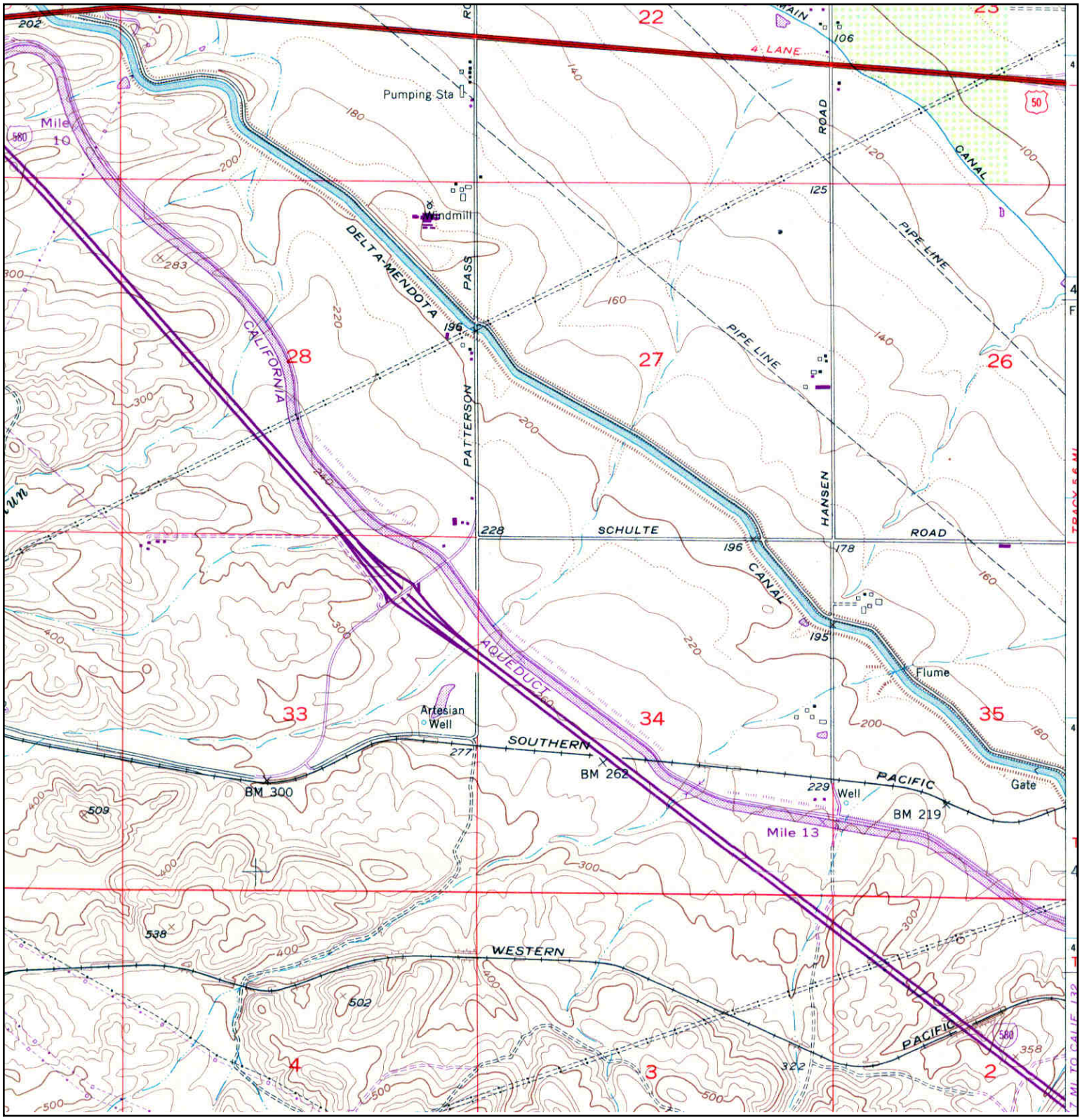
N	ADJOINING QUAD NAME: ALTAMONT MAP YEAR: 1942 SERIES: 15 SCALE: 1:62500	SITE NAME: Biomass Power Plant ADDRESS: 14800 West Schulte Road Tracy, CA 95377 LAT/LONG: 37.7211 / -121.4961	CLIENT: TRC CONTACT: Charina Gaspay INQUIRY#: 3416342.4 RESEARCH DATE: 09/25/2012

Historical Topographic Map



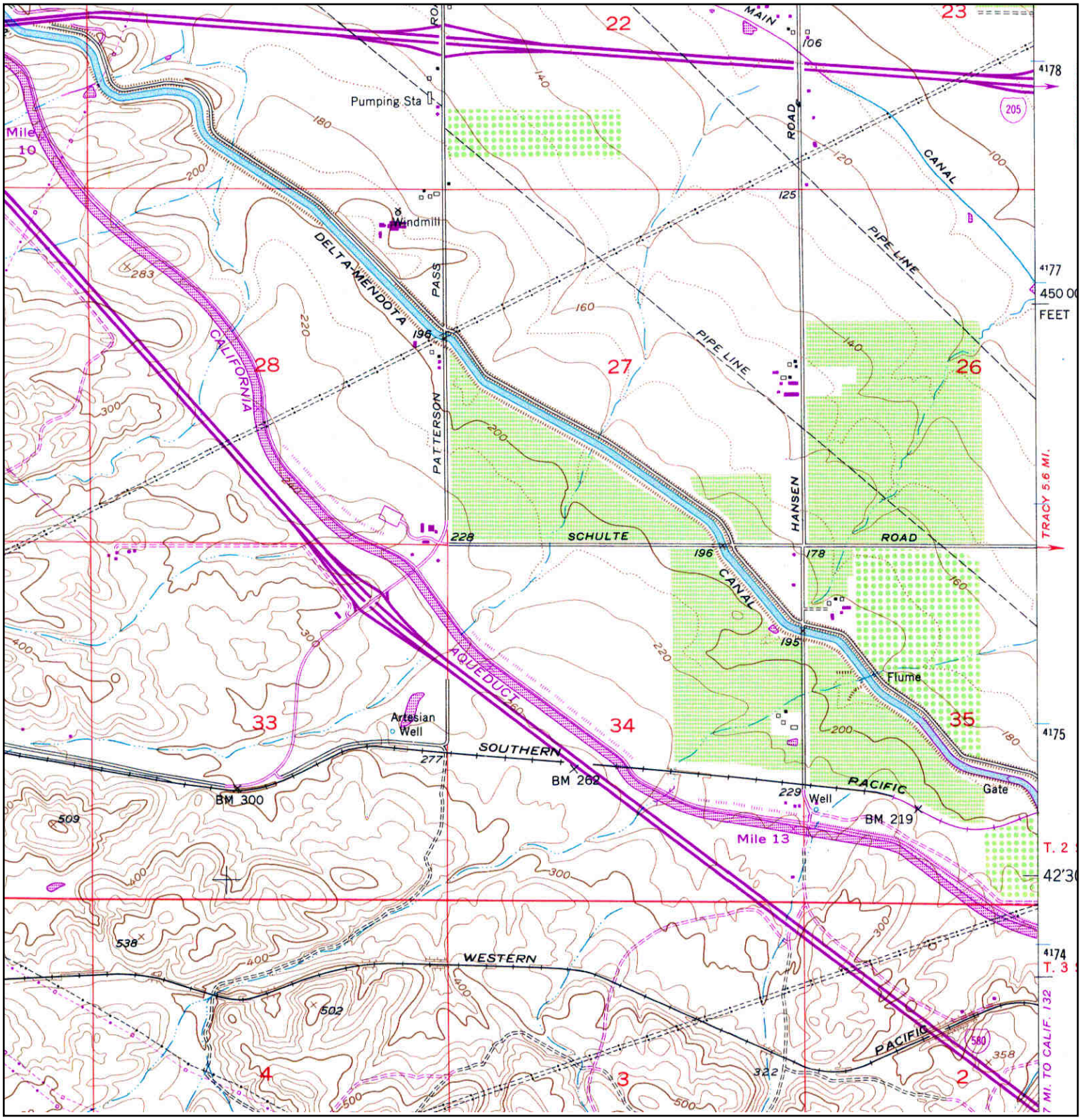
N	ADJOINING QUAD NAME: MIDWAY MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Biomass Power Plant ADDRESS: 14800 West Schulte Road Tracy, CA 95377 LAT/LONG: 37.7211 / -121.4961	CLIENT: TRC CONTACT: Charina Gaspay INQUIRY#: 3416342.4 RESEARCH DATE: 09/25/2012

Historical Topographic Map



N	ADJOINING QUAD NAME: MIDWAY MAP YEAR: 1968 PHOTOREVISED FROM :1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Biomass Power Plant ADDRESS: 14800 West Schulte Road Tracy, CA 95377 LAT/LONG: 37.7211 / -121.4961	CLIENT: TRC CONTACT: Charina Gaspay INQUIRY#: 3416342.4 RESEARCH DATE: 09/25/2012

Historical Topographic Map



N	ADJOINING QUAD NAME: MIDWAY MAP YEAR: 1980 PHOTOREVISED FROM :1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Biomass Power Plant ADDRESS: 14800 West Schulte Road Tracy, CA 95377 LAT/LONG: 37.7211 / -121.4961	CLIENT: TRC CONTACT: Charina Gaspay INQUIRY#: 3416342.4 RESEARCH DATE: 09/25/2012

Biomass Power Plant
14800 West Schulte Road
Tracy, CA 95377

Inquiry Number: 3416342.5
September 27, 2012

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
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Date EDR Searched Historical Sources:

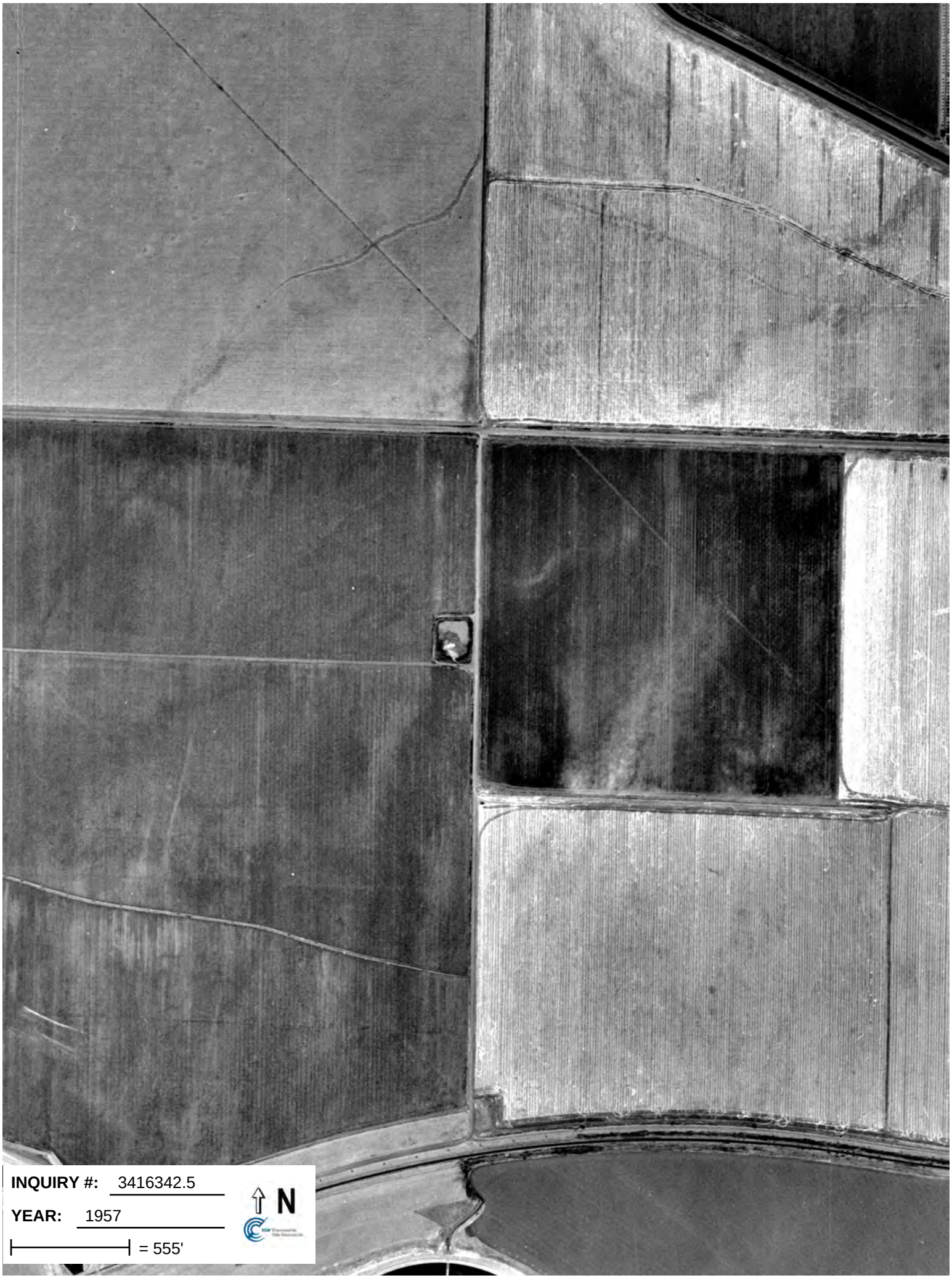
Aerial Photography September 27, 2012

Target Property:

14800 West Schulte Road

Tracy, CA 95377

Year	***Scale***	***Details***	***Source***
1957	Aerial Photograph. Scale: 1"=555'	Flight Year: 1957	Cartwright
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	USGS
1974	Aerial Photograph. Scale: 1"=666'	Flight Year: 1974	NASA
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	USGS
1993	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1993	EDR
1999	Aerial Photograph. Scale: 1"=666'	Flight Year: 1999	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR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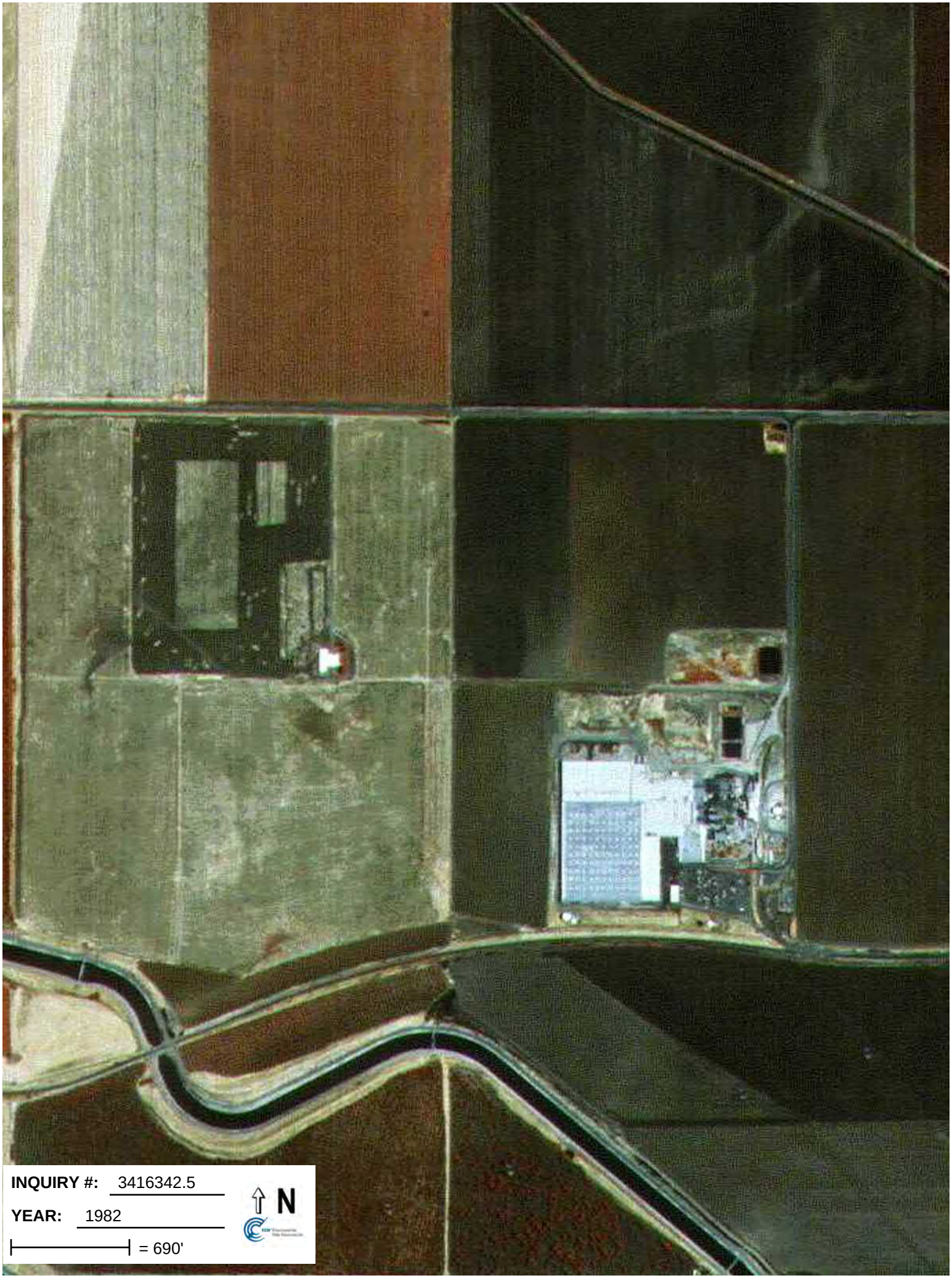
YEAR: 1957
= 555'
N

INQUIRY #: 3416342.5
YEAR: 1968
= 500'
N

INQUIRY #: 3416342.5
YEAR: 1974
= 666'
N


INQUIRY #: 3416342.5
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INQUIRY #: 3420603.1
YEAR: 1993
= 500'
N

INQUIRY #: 3420603.1
YEAR: 1999
= 666'
N

INQUIRY #: 3420603.1
YEAR: 2005
= 500'
N

INQUIRY #: 3420603.1
YEAR: 2006
= 500'
N

Appendix E
Site Photographs

Draft

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
1	09/26/2012

Description
Photo of main operations area. Photo was taken facing southeast from the main driveway entrance.

Photo No.	Date
2	09/26/2012

Description
View of the stormwater retention pond at the northeast corner of the *property*.
Photo was taken facing northeast.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
3	09/26/2012

Description
View of damp drainage channel leading into the retention pond. Darker sediment can be seen within drainage channel but unclear if it is indicative of a pollutant. A rock sediment trap can be seen to the left.
Photo was taken facing north.

Photo No.	Date
4	09/26/2012

Description
View of stormwater drainage area at the northwest corner of the *property*. Area is fenced along the weigh station entrance and along the border of the *property*. A portion of the paved roadway at the tipping station can be seen. Minor staining from grease & oil was observed. Photo was taken facing northwest.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
5	09/26/2012

Description:
Close-up view of a drainage channel along the side of the retention pond. It was unclear where the moisture was from but likely from dust suppression activity. No signs of pollutants were observed.

Photo No.	Date
6	09/26/2012

Description
Photo of a portion of the fire suppression system found throughout the outdoor wood fuel storage area located at the northwest area of the *property*. Photo was taken facing southwest.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
7	09/26/2012

Description
Photo of truck tipping activity at the tipping station. The truck is unloading incoming wood fuel. The lift is operated by hydraulics.
Photo was taken facing southeast.

Photo No.	Date
8	09/26/2012

Description
Photo of the neighboring glass manufacturing facility south of the *property*. A stormwater retention pond can be seen. The facility building can be seen to be at a higher elevation with their drainage directed toward the *property*.
Photo was taken facing south.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
9	09/26/2012

Description
Old construction soil stockpile left during the construction of the facility. General debris can be seen.
Photo was taken facing north.

Photo No.	Date
10	09/26/2012

Description
Old wooden poles stockpiled at the south area of the property adjacent to the ash storage area.
Photo was taken facing east.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
11	09/26/12

Description
Ash storage area. The area is unlined. Stockpiles of ash are seen in the background. A dust suppression truck is to the right. Bits of Visqueen can be seen. Visqueen is used as a temporary liner for bottom ash stockpiles. Photo was taken facing northeast.

Photo No.	Date
12	09/26/12

Description
Photo of the main operations area. The cooling tower, boiler, ESP, diesel fueling area, water tank and some ASTs can be seen.
Photo was taken facing north.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
13	09/26/12

Description
Bone yard area located at the southeast corner of the facility. Photo was taken facing north.

Photo No.	Date
14	09/26/12

Description
View of diesel fuel area. Water puddles are from dust suppression activity. Baker tanks were empty and were for the upcoming routine facility shutdown.
Photo was taken facing west.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
15	09/26/12

Description
An outdoor chemical storage area east of the fire pump house. Materials are stored on plastic secondary containment pallets.
Photo was taken facing northwest.

Photo No.	Date
16	09/26/12

Description
Puddles near the chemical storage area. Unclear if yellow-brown coloring is due to presence of pollutants. No odor or sheening was observed.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
17	09/26/12

Description
Chemical storage. Types of chemicals were primarily water treatment chemicals such as boiler water treatment, cooling water treatment and acetic acid.

Photo No.	Date
18	09/26/12

Description
View of leaking water pipe associated with the fire pump. The leak is ongoing and algae can be seen. Water has not reached chemical storage areas at time of walkthrough. Green color is due to algae.
Photo was taken facing west.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
19	09/26/12

Description
Photo of old pad-mounted transformer that is not believed to be currently in operation.

Photo No.	Date
20	09/26/2012

Description
Crushed used oil container observed at the storage building. No signs of oil leaks or spills in the vicinity.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
21	09/26/2012

Description
General view of inside the Storage Building.

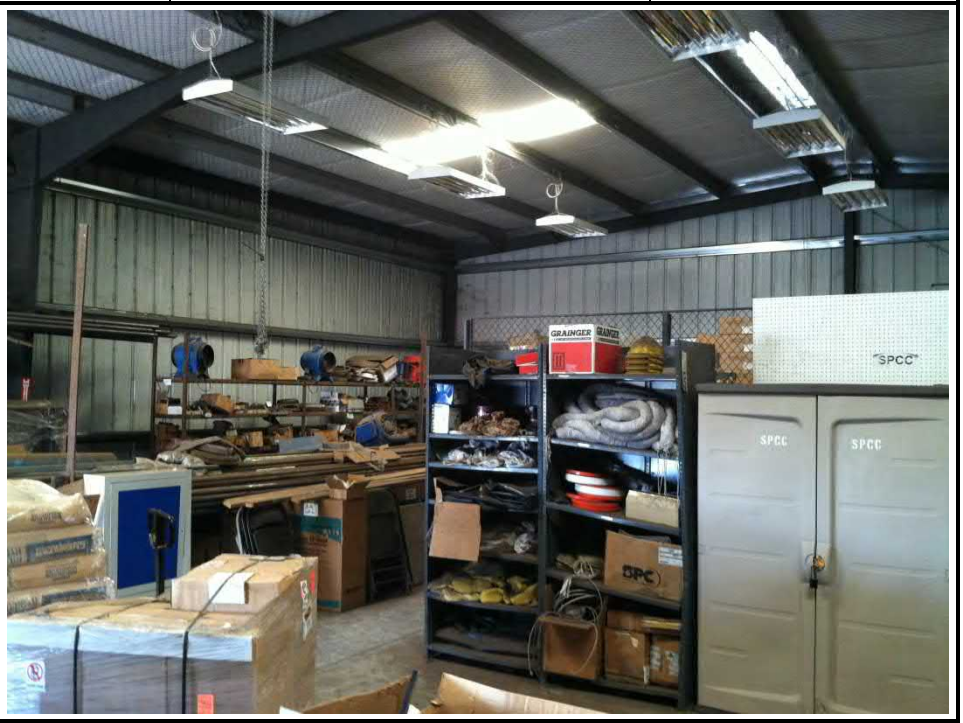


Photo No.	Date
22	09/26/2012

Description
Materials stored on top of secondary containment pallets inside at the northwest area of the Storage Building. The orange 5-gallon bucket contained an unknown liquid material.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
23	09/26/2012

Description
Example of compressed gas cylinders stored in the COMS & CEMS Room Building.

Photo No.	Date
24	09/26/2012

Description
Hydraulic and motor oil storage tanks.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
25	09/26/2012

Description
Used oil filter drums. Used filters were stored outside of the drum and were being allowed to drain. The other waste drums can be seen stored on top of the berm edge and not completely inside the secondary containment.

Photo No.	Date
26	09/26/2012

Description
Drain within concrete pad of the oil storage area. Drain is believed to lead to the clear well or to a sump. Minor staining can be seen.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
27	09/26/2012

Description

Drainage under the ash conveyer system. The drain leads to the oil-water separator.

Photo No.	Date
28	09/26/2012

Description
300-gallon diesel fuel storage tank inside the fire pump house.

Photographic Log

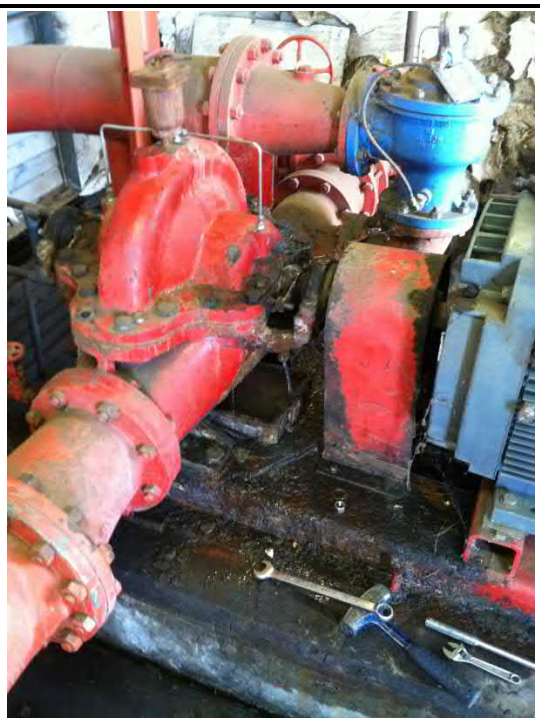
Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
29	09/26/2012

Description
Concrete secondary containment below the 300-gallon diesel fuel tank. Moisture seen inside is water from leaking water pipe.

Photo No.	Date
30	09/26/2012

Description
Leaking water pipe associated with the fire pump.



Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
31	09/26/2012

Description
Water tank outside the Fire Pump House.

Photo No.	Date
32	09/26/2012

Description
Cooling water treatment chemical storage at the east side of the cooling tower. Labels were hard to read for the 2 drums pictured. A double walled 1,050 gallon AST of sodium hypochlorite can be seen. No signs of leaks.

Photographic Log

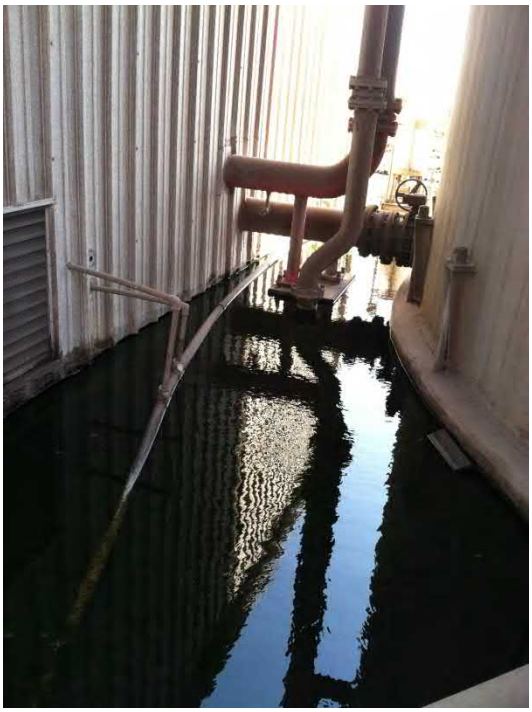
Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
33	09/26/2012

Description
Additional cooling tower chemical storage tanks at the east side of the cooling tower. Chemicals include CL-2150, CL-2212, CL-4802, & CL-4L7. Containers not on a secondary containment pallet are placed on a concrete pad with secondary containment.

Photo No.	Date
34	09/26/2012

Description
Water leak from water pipe. Puddled water shown is located between the Fire Pump House and large water storage tank.



Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
35	09/26/2012

Description
Old sulfuric acid tank that is no longer in use and will need to be removed from the *property*.

Photo No.	Date
36	09/26/2012

Description
White powder residual material observed on the soil near the sulfuric acid and Filtomat Residue ASTs located near the cooling tower.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

37	09/26/2012

Description
Minor corrosion of concrete pad underneath the sulfuric acid AST located near the cooling tower.

Photo No.	Date
38	09/26/2012

Description
Corroded piping associated with the Filtomat Residue AST.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
39	09/26/2012

Description
Ammonia tank. Stormwater drainage channel is blocked with sediment. A drainage pipe runs under the secondary containment of the ammonia tank.
Photo was taken facing north.

Photo No.	Date
40	09/26/2012

Description
Close-up of drainage channel below ammonia AST.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
41	09/26/2012

Description
Example of minor cracking in the concrete secondary containment wall of ammonia AST.

Photo No.	Date
42	09/26/2012

Description
Clogged sump at the boiler area.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
43	09/26/12

Description
Additional chemical storage near the boiler area. Subflooring drainage can also be seen.

Photo No.	Date
44	09/26/12

Description
Clear well of oil-water separator.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
45	09/26/12

Description
Observed crack along the side of the oil-water separator tank.

Photo No.	Date
46	09/26/12

Description
Chemical residue observed in the concrete pad adjacent to the oil water separator.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

Photo No.	Date
47	09/26/12

Description
325 gallon containers of hydrogen peroxide for one time use for cooling tower treatment. Containers are temporarily stored within the secondary containment berm of the oil-water separator.

Photo No.	Date
48	09/26/12

Description
The RO water treatment system. Maintenance was being performed on the system at the time of the walkthrough.

Photographic Log

Client Name:	Site Location:	Project No.:
Akin Gump	Tracy Biomass Power Plant Facility	197375

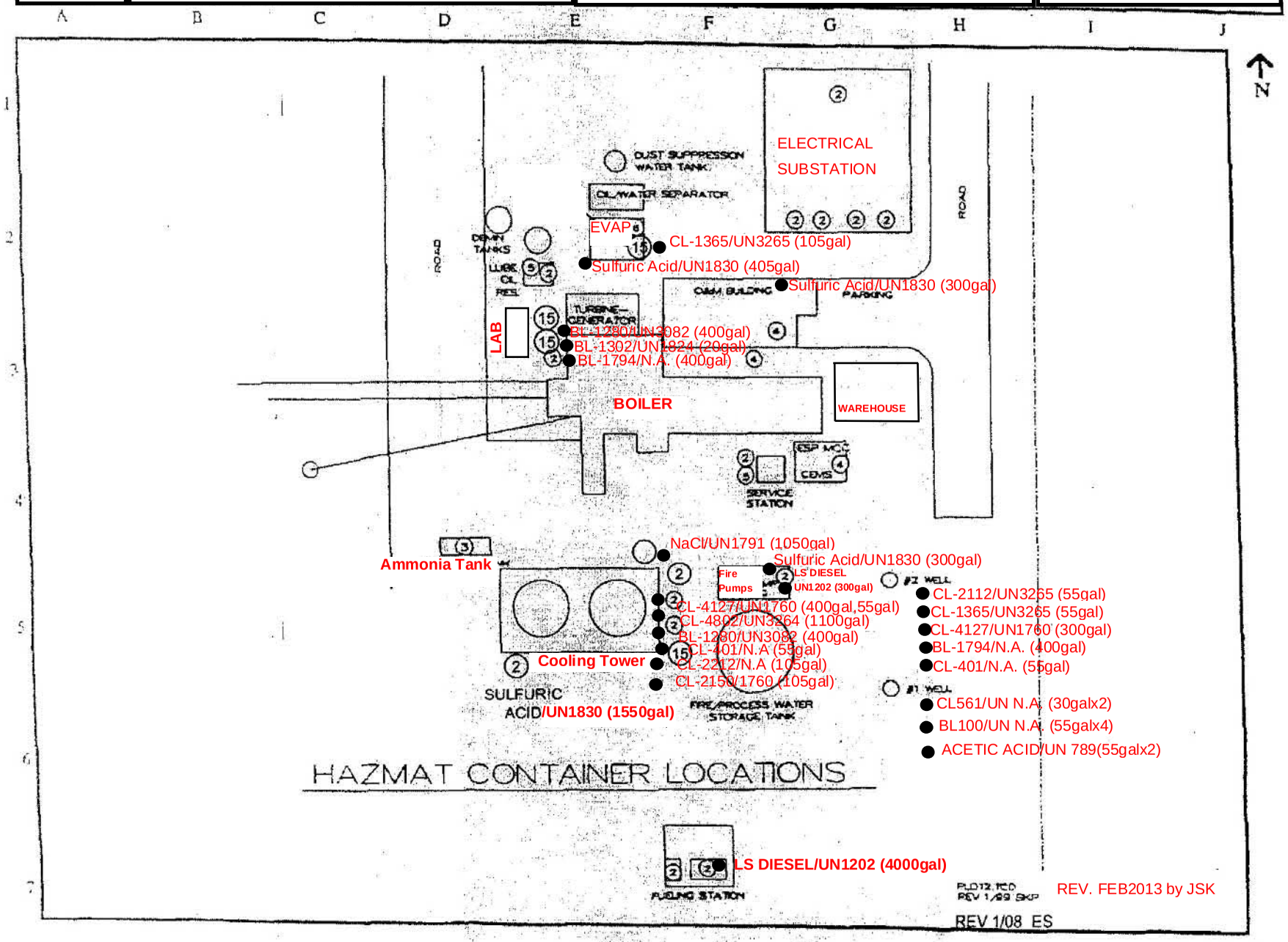
Photo No.	Date
49	09/26/12

Description
Wood fuel conveyor system. Photo was taken facing south.

Photo No.	Date
50	09/08/2011

Description
Hazardous materials waste cans for oily rags and debris with waste oil located in the Maintenance Shop.

Map #2	Map Name: Plant Area Hazmat Locations	Business Name: Thermal Energy Development Partnership, L.P.	SCALE: 1" = 8 feet



PHASE I: ENVIRONMENTAL SITE ASSESSMENT

Greenleaf Power, LLC: Tracy Biomass Facility
14800 W Schulte Road, Tracy, CA 95377

Prepared by:

TRC Solutions, Inc.
10680 White Rock Road, Suite 100
Rancho Cordova, California 95670
Tel. 916.366.0632
Fax 916.366.1501

Prepared for:
Greenleaf Power, LLC
2600 Capitol Avenue, Suite 430
Sacramento, CA 95816

May 2014

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1.0 Introduction

1.1 PURPOSE

TRC Solutions, Inc. (TRC) was retained by Greenleaf Power, LLC (Greenleaf) to conduct a Phase I Environmental Site Assessment (ESA) at the Tracy Biomass facility located at 14800 West Schulte Road, in Tracy, California, within Assessor's Parcel Number (APN) 209-240-23 (Subject Property). This Phase I ESA has been prepared by TRC in accordance with American Society for Testing and Materials (ASTM) E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and is intended for the sole use of Greenleaf.

The purpose of this assessment process is to identify Recognized Environmental Conditions (RECs) in connection with the property, as defined in the ASTM E 1527-13 standard. The term Recognized Environmental Conditions is defined by ASTM as "the presence or likely presence of any hazardous substances or petroleum products on a property under the conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum products into structures on the property or in the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws." The term Recognized Environmental Conditions is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. (ASTM E 1527-13 Section 3.3.74).

Additionally, this Phase I ESA will determine the existence of any Material Threats, as defined in ASTM E 1527-13. A Material Threat is a "physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment." (ASTM E 1527-13 Section 3.3.52).

This Phase I ESA is intended to permit the user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide perspective purchaser limitations provided within Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) U.S. Code (U.S.C.) Section 9601, and petroleum products landowner liability protections. This Phase I ESA constitutes all appropriate inquiries (AAI) into the previous ownership and uses of the property consistent with good commercial and customary practice, as defined in U.S.C. Section 9601 (35)(B).

1.2 SCOPE OF INVESTIGATION/SERVICES

The work was completed by environmental professionals and has been conducted in accordance with the proposal dated April 9, 2014. Project details were provided by Mr. Bressan of Greenleaf Power to Mr. Austin K. Moore of TRC. The Phase I ESA consisted of the following tasks:

- Review certain federal and state regulatory agency databases for the Subject Property and up to a 1-mile radius around the Subject Property.
- Review and evaluate available historical records, topographical maps, historical aerial photographs, and Sanborn maps, as available.
- Research publicly available and reasonably ascertainable information to determine Subject Property usage since first development or from the year 1940, whichever is earlier.
- Contact various city or county agencies for environmental information pertaining to the Subject Property.
- Conduct a site reconnaissance to evaluate current Subject Property conditions and note visual evidence of recognized environmental conditions.
- Conduct a limited visual reconnaissance of properties within a 0.5-mile radius of the Subject Property.
- Interview people with significant knowledge of the Subject Property.
- Prepare a report of findings.

This report presents TRC's field observations, findings, and conclusions. The criteria meet the level of care and technical complexity currently practiced by environmental professionals within our service area for projects of a similar scope. The summary of findings, conclusions, and recommendations in this report are subject to modification if subsequent information is developed by TRC or any other party.

1.3 SPECIAL TERMS AND CONDITIONS

The terms used in this Phase I ESA shall be defined as follows:

- Subject Property – Tracy Biomass facility located at 14800 West Schulte Road, in Tracy, California within APN 209-240-23.
- Adjoining Properties – Any real property or properties, the border of which is contiguous or partially contiguous with that of the Subject Property, or that would be contiguous or partially contiguous with that of the Subject Property but for a street, road, or other public thoroughfare separating them.

- Environment – environment shall have the same meaning as the definition of environment in CERCLA 42 U.S.C. Section 9601(8).

- Release – A release of any hazardous substance or petroleum product shall have the same meaning as the definition of release in CERCLA 42 U.S.C. Section 9601(22). A release or threatened release of a hazardous substance includes any "spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping or disposing into the environment (including the abandonment of discarding of barrels, containers, and other closed receptacles containing any hazardous substance or pollutant or contaminant)."

- Project Vicinity – Refers to an approximate 0.5-mile radius around the Subject Property.

- Recognized Environmental Condition – The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not RECs.

- Controlled Recognized Environmental Condition – A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

- Historical Recognized Environmental Condition – A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meets unrestricted use criteria established by a regulatory authority, without subjecting the Subject Property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

- *De Minimis* Condition – A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not RECs or controlled RECs.

- Key Site Manager – The person identified by the owner or operator of the Subject Property as having good knowledge of the uses and physical characteristics of the Subject Property. The Key Site Manager has been identified as Mr. Bressan of Greenleaf.

- Migrate/Migration – The movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface of subsurface, and vapor in the subsurface.

- Groundwater Flow Direction – Based upon information presented in the EDR or other reports obtained. TRC did not make any quantitative assessment of groundwater flow as part of this assessment.

- User – the party seeking to use this Phase I ESA. A User may include, without limitation, a potential purchaser of the Subject Property, a potential tenant of the Subject Property, the owner of the Subject Property, a lender, or a property manager. The User has a specific obligation for completing a successful application of this Phase I ESA.

1.4 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

This Phase I ESA addresses only the surface features observed during the one-day site visit, an aerial photograph review, and interviews with selected persons knowledgeable of the history or past operations of the Subject Property. The scope of the Phase I ESA did not include sampling or analysis of on-site building materials, air, soil, soil vapor, or groundwater. A full regulatory audit of all permits and practices regarding the Subject Property and conditions regarding the adjacent properties was not conducted and was beyond the scope of this assessment. Investigations for the presence of asbestos, lead paint, and radon were outside the scope of the site inspection.

1.4.1 Accuracy and Completeness

TRC makes no guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation, or that information was not provided to TRC. Additional data subsequently provided, discovered, or produced may alter findings or conclusions made in this Phase I ESA report. TRC is under no obligation to update this report to reflect such subsequent information. The findings presented in this report are based upon the information reasonably available and on site conditions observed at the time of this assessment. Conditions may have changed since that time, and the findings and conclusions of this report are not meant to be indicative of future conditions at the Subject Property. This report may not be relied on by any party other than the client with whom TRC has contracted to prepare this report.

1.4.2 Warranties and Representations

This report does not warrant against: (1) operations or conditions that were not in evidence from visual observations or historical information obtained; (2) conditions that could only be determined by physical sampling or other intrusive investigation techniques; or (3) locations other than the client-provided addresses and/or legal parcel description or information about off-site locations (with possible impact on the Subject Property) not published in available records.

1.4.3 Continued Validity/User Reliance

This report is presumed to be valid for a period of 180 days from its completion, until Greenleaf obtains specific information that may materially alter a finding, conclusion, or opinion in this report, or until Greenleaf is notified by TRC that it has obtained specific information that materially alters a finding, conclusion, or opinion in this report. This Phase I ESA has been prepared by TRC on behalf of and for the exclusive use of Greenleaf (User). Extension of reliance upon the report via a letter of reliance may be requested by the User for additional entities. Letters of reliance are bound by the original services agreement and proposal.

1.4.4 Significant Assumptions

TRC assumes that all information pertaining to the Subject Property provided in interviews with the current owner's representative and in historical information obtained from standard sources is accurate and complete.

1.5 LIMITING CONDITIONS AND METHODOLOGY USED

TRC did not encounter any conditions that limited the performance of this assessment. The methodology employed in the compilation of this report conforms to the standards published in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ASTM E1527-13 standard is consistent with the requirements of the United States Environmental Protection Agency (EPA) All Appropriate Inquiries rule and may be used to comply with the provisions of said rule.

2.0 Site Description

2.1 LOCATION AND LEGAL DESCRIPTION

The Subject Property is located at 14800 West Schulte Road, in Tracy, San Joaquin County, California (See **Figure 1: Regional Setting** in **Appendix A: Report Figures**). The Subject Property consists of an approximately 38.3-acre rectangular portion of San Joaquin County APN 209-240-23, and is located west of the Tracy, California urban area.

The Subject Property is located in the northwest quarter of Section 36, Township 20 South, Range 40 East of the Mount Diablo Baseline and Meridian System. The Subject Property is shown on the United States Geological Survey (USGS) 7.5-minute series topographic map titled "Tracy Quadrangle."

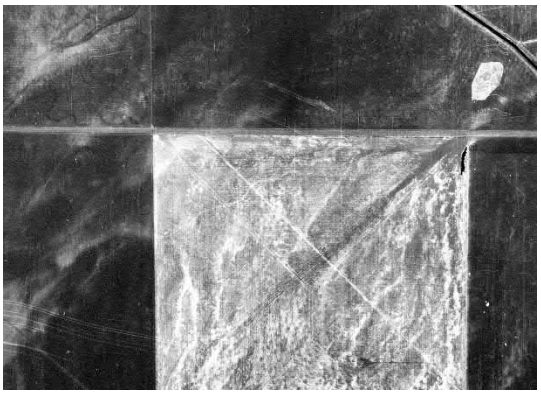
2.2 SITE AND VICINITY CHARACTERISTICS

The Subject Property is composed of an approximately 38-acre rectangular portion of APN 209-240-23 (See **Figure 2**: **Parcel Map** in **Appendix A: Report Figures**) in a rural area just outside the city limits of Tracy, California. Extensive, large-scale agricultural uses dominate the surrounding area; large parcels adjacent to the Subject Property to the east, west, and north across West Schulte Road are being utilized for row crop applications. The parcel immediately south of the Subject Property houses a large glass recycling and manufacturing facility operated by Owens-Brockway Glass Container, Inc. and the Tracy Peaker Plant, a natural gas-fired power plant is located further south, beyond the Owens-Brockway facility and a Union Pacific rail line. The terrain is primarily flat throughout the entire property, with a gradual decline towards the northeast corner, which contains a large stormwater retention pond measuring approximately 280 feet by 150 feet in size.

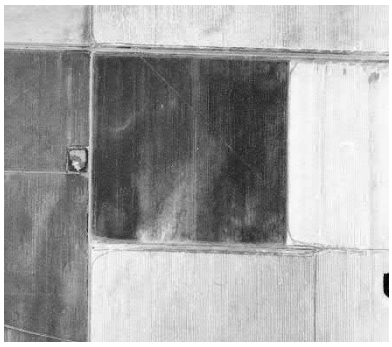
The Subject Property is classified as General Industrial (I-G) by the San Joaquin County General Plan 2010. This designation provides for a wide range of manufacturing, distribution, and storage uses that have moderate to high nuisance characteristics such as noise, heat, glare, odor, and vibration, and that require segregation from other land uses and/or may require outside storage areas. Adjacent parcels are classified as General Agriculture (AG), which is established to preserve agricultural lands for the continuation of commercial agricultural enterprises.

TRC staff conducted a review of detailed site aerial photography (at a scale of approximately 1:6,000) from 1937, 1957, 1968, 1974, 1982, 1993, 1998, 2005, 2006, 2009, 2010, and 2012, to help determine historical land uses and past improvements and activities at the Subject Property and adjacent parcels. Complete, detailed aerial photography of the Subject Property and its vicinity can be found in **Appendix B: EDR Information**.

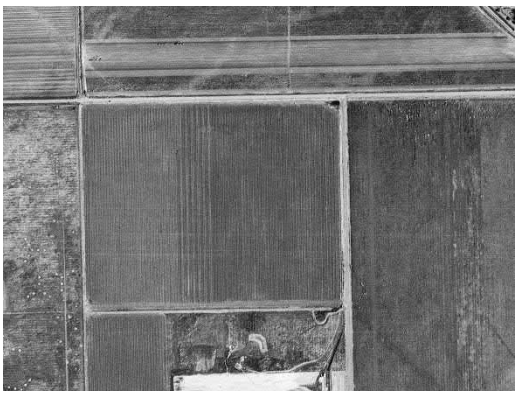
2.2.1 Historical Aerial Photography



In the 1937 aerial photograph (left), the project area appears to be a vacant, undeveloped parcel of land. The surrounding vicinity also appears to be vacant. In the center of the photograph, West Schulte Road appears to be already in place, running in an east-west direction. In the northern end of the photograph, an irrigation ditch can be seen bounding agricultural fields to the north, running in a northwest-southeast direction. North of this irrigation ditch, a cross-section of dirt roads separates agricultural fields. In the southern end of the photograph, a rail line can be seen with what appears to be more agricultural fields to the south of it. It should be noted that the photograph has several marks and scratches, which reduces the quality of the photo. However, it appears to have other marks which could either be the quality of the photograph or scars on the landscape.



In the 1957 aerial photograph (right), the project area, as well as the surrounding land, has been developed for apparent agricultural use. The project area is bounded on the west by a north-south dirt road. Across this dirt road, a small new structure/installation is apparent on the corner of another dirt road. The nature and use of the structure cannot be clearly identified.



In the 1968 aerial photograph (left), increased development is observed. The neighboring industrial facility has been constructed south of the project area, along the rail line. The small storage area to the west across the dirt road, that was present in 1957, is now absent. Instead, a small structure has been constructed further to the west within the agricultural field, presumably for the same purpose. In the northeast portion of the photograph, a new structure, which appears to be a farm house, is present on the northeast side of the irrigation ditch.

In the 1974 aerial photograph, little has changed since 1968, aside from the regular cultivation patterns.

In the 1982 aerial photograph (left), there is a small area of apparently disturbed soil at the northeast corner of the project area, on the corner of West Schulte Road and a dirt road. It is unclear what the function of this disturbance is, but it could be a precursor to a water retention pond. At the southeast corner of the project area, just north of the neighboring facility, there is a larger area of apparent recent grading activity and possible soil storage. The neighboring facility has been expanded, with one building added to the north.

In the 1993 aerial photo, the Tracy Biomass facility appears to be constructed on the northeastern portion of the former agricultural field. Fill material from initial grading can be seen in the southwest corner, and piles of biomass fuel occupy the western section of the property. The neighboring facility has been expanded, with a large addition added to the north and another large separate addition to the west. Also, a new small parking lot was added north of the facility, adjacent to the cleared dirt area, which has been expanded to the west.

The 1998 aerial photograph appears to be very similar to the 1993 photograph; no significant changes were noted.

In the 2005 aerial photograph (left), the area to the southwest of the project area has been cleared and graded in preparation for possible construction.

In the 2006, 2009 (below left), 2010, and 2012 (below right) aerial photographs, no significant change from the 2005 photograph is noted.

2.2.2 Historical USGS Topographical Map Review

Historical topographic maps from 1916, 1922, 1947, 1954, 1968, and 1981 were reviewed in the preparation of this Phase 1 ESA. These included both 7.5- and 15-minute USGS Quadrangle maps. The general character and topographic makeup of the site and the surrounding vicinity has remained largely the same through the time encompassed by these maps. The site is relatively flat, with a slight grade running from the northeast corner to the higher southwest corner. As evidenced by the maps, this trend is consistent with the surrounding area, with a slight elevation gain moving southwest away from Tracy, California.

2.3 GEOLOGY AND HYDROLOGY

The Subject Property lies at the edge of the California Central Valley, in San Joaquin County. It is located on or near the boundary of the Central Coast Ranges Geomorphic Province and the Central Valley Geomorphic Province. The Central Valley is a large, flat, agricultural valley, composed mostly of alluvial deposits. The Central Coast Ranges—which serve as a barrier between the Pacific Ocean and the Central Valley—consist of various basins, plateaus, and seaside mountain ranges. The Central Valley is filled with sedimentary deposits from the Sierra Nevada, which consists of sands, lesser silts, minor clays, and gravel. The mountain ranges are mostly composed of late Mesozoic and Cenozoic sedimentary strata.

The surrounding vicinity is has a relatively higher risk for tectonic activity, due to the many large faults in the nearby Bay Area. The project area is outside any Alquist-Priolo Earthquake Fault Zones issued by the California Division of Mines and Geology. No known active faults are located on the site. The nearest active fault is the Greenville Fault, which is located approximately 9.5 miles west of the project area. A small quaternary fault, the Black Butte Fault, is located approximately 1.5 miles southwest. Active faults are defined by the Alquist-Priolo Special Studies Zones Act of 1972 as any fault that has showed evidence of surface displacement during Holocene time (the past 10,000 years).

The Subject Property is located within the San Joaquin River hydrologic region, which is drained by the San Joaquin River as well as the Corral Hollow Creek. Water from this region flows north to the San Joaquin Delta, then through the San Francisco Bay into the Pacific Ocean. The annual

precipitation for this area ranges from 11 to 16 inches. This area is composed of alluvial deposits and flood basin deposits from the Late Tertiary to Quaternary age. Because of their fine grained nature, the flood basin deposits have low permeability and usually yield low quantities of water to wells. Shallow groundwater in the vicinity of the subject property can be found at a depth ranging from 31 to 37 feet.

2.4 DESCRIPTION OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE SUBJECT PROPERTY

The Subject Property houses a biomass power plant facility that generates electricity using a steam-powered turbine generator. Steam is produced using a boiler that utilizes various biomass fuel available in the region, including agricultural and urban wood waste. The approximately 38-acre area of the Subject Property includes outdoor storage areas, a control and maintenance building, storage building, cooling tower, boiler, fueling area, fire pump house, trailer, electrical substation, and stormwater retention ponds.

Major buildings on the Subject Property include the control and maintenance building (two-story), storage warehouse, continuous opacity monitoring system (COMS) continuous emissions monitoring system (CEMS) room, and fire pump building; these buildings are located in the general operations area in the central area of the property. A cooling tower, boiler, and turbine (separate from the main structures) stand adjacent to the control and maintenance building. Heavy equipment—such as loaders and backhoes—generally operate in the wood fuel storage and ash storage areas. A hydraulic lift station—which is used for truck tipping to unload wood fuel deliveries—is located west of the weigh station. Stains from oil leaks on trucks and hydraulic fluid from the lift were documented. A containment system is in place at the base of the lift to isolate such spills from entering the soil and/or groundwater.

All main roadways and the parking area between the storage warehouse and control and maintenance building are paved with asphalt or concrete. Concrete pads and berms are found throughout the facility for equipment storage and general work areas. Buildings have concrete slab foundations.

The parking area north of the control and maintenance building consists of dirt and gravel.

2.4.1 Utilities

The on-site utilities include the following:

- Water – Tracy Water (fire hydrants observed)
- Electrical – Pacific Gas and Electric Company (PG&E) (to substation)
- Wastewater – a sewer line crosses a portion of the Subject Property
- Refuse - none observed
- Natural gas – PG&E

Non-potable water used for facility processes and fire suppression is supplied by on-site groundwater wells located in the southeastern portion of the property. Water is stored in a large aboveground water storage tank located south of the fire pump house. A reverse osmosis (RO)

treatment system is used to treat water for the turbine. The RO system is located just west of the turbine area. Potable water for drinking is shipped to the property by an off-site contractor. The facility is not connected to municipal water sources. Electricity is provided by PG&E. Natural gas is not used extensively on-site; however, the boiler may use natural gas during startup, shutdown, and flame stabilization periods. Natural gas is provided by PG&E.

2.5 INFORMATION REPORTED BY USER REGARDING ENVIRONMENTAL LIENS OR SPECIALIZED KNOWLEDGE OR EXPERIENCE

No additional information regarding environmental liens or specialized knowledge of environmental conditions was acquired by TRC during this investigation. An environmental database search did not locate any past or current environmental liens on the Subject Property. Additionally, an inquiry of Greenleaf did not produce information regarding any environmental liens or conditions.

2.6 CURRENT USES OF THE SUBJECT PROPERTY

The Tracy Biomass Power Plant facility began operations in April of 1990. The facility operates on a 24 hours per day, 7 days per week schedule and is staffed by 23 employees.

Primary property operations include receiving, storage, and shipment activities; electric power generation; and equipment operation and maintenance activities. The raw materials received generally include boiler fuel (agricultural and urban wood waste); chemicals (e.g,, ammonia, sulfuric acid, and sodium bicarbonate) for facility operations; and petroleum hydrocarbons (e.g., diesel fuel, motor oils, and hydraulic oils) for equipment operations. Materials shipped from the property generally include bottom ash—of which less than 2% has been classified as California hazardous waste—and fly ash for agricultural fertilizing purposes.

Electrical power is generated by a steam-powered turbine generator. The steam is created by the use of a boiler that is fueled by agricultural and urban wood wastes. Wood fuel is received from off site, and is weighed and sampled to ensure that the incoming materials meet facility specifications. Once the boiler wood fuel is accepted, it is stored on site and managed as stockpiles at the western area of the property. The boiler fuel is fed into the boiler by a conveyer system. Groundwater pumped from on-site groundwater wells is used to generate the steam that powers a turbine to drive the electrical generator, which is rated to produce up to 20.5 megawatts (MW) of electricity. The electrical output is transferred to the on-site PG&E electrical substation, which is located northeast of the control and maintenance building.

Process water is managed as a closed-loop system and wastewater is never discharged. Process water is cooled by an on-site cooling tower. Water treatment chemicals are added to process water, as needed, to control water quality parameters such as pH and scaling. Water treatment chemicals are stored and located primarily east and south of the cooling tower, west of the boiler, adjacent to the turbine area, and east of the fire house pump. An RO system—which is used to treat water to make demineralized water for the boiler—is located northwest of the boiler. The RO system is maintained by outside vendors. Water samples are collected daily from the cooling

tower and boiler to be tested for water quality parameters. Samples are analyzed in a portable office trailer located west of the boiler.

Bottom ash and fly ash are generated from boiler operations. Both types of ash have been found to contain heavy metals in varying concentration levels. The bottom ash generated does not meet the definition of a federal hazardous waste under the Resource Conservation and Recovery Act (RCRA), but has the potential to meet the definition of a California hazardous waste (non-RCRA) primarily due to its levels of arsenic and lead. Historically, less than 2% of the bottom ash from this facility has tested as California hazardous waste. Fly ash has been found to not to be hazardous and is reused to fertilize agricultural fields, as approved by the California Department of Food and Agriculture (CDFA). Water is added to ash for particulate/dust control and to cool the ash prior to storage on site. Ash is collected from the boiler into dump trucks and stockpiled on site at the southern area of the property.

Bottom ash is stockpiled on a temporary liner (plastic visqueen) and sampled in accordance with the facility sampling plan. Fly ash is stockpiled separately and is not stockpiled on top of a liner. Ash stockpiles and general exposed surface soils within the property are managed for dust control by daily water application. Water for dust suppression is applied by a water truck. Dust control measures are also applied to other generally exposed surface soils on the property.

Emissions from the boiler are controlled by adding chemicals and using abatement equipment. Calcium hydroxide (lime) is used to control sulfur dioxide (SO2) and ammonia is used to control nitrogen oxides (NOx). Particulates are controlled by an electrostatic precipitator (ESP). Emissions controls are managed through the COMS and CEMS. The COMS and CEMS are housed in a separate building adjacent to the storage warehouse. Compressed gas—such as argon, nitrogen, and nitrogen air mixture—are located in the COMS and CEMS room and are used for the operation of the COMS and CEMS.

Main controls for the facility are located in the control room, which is located in the western portion of the second floor of the control and maintenance building. The control and maintenance building also contains office space, restrooms, a break room, and a maintenance shop. The maintenance shop is located in the southeastern portion of the first floor, and contains a small cabinet for storing small containers of flammable materials. Waste that contains oil is generated from some activities conducted in the maintenance shop, and is contained in small metal step cans. Oily rags are not disposed of as a non-RCRA hazardous waste, but are collected and washed for reuse by an outside vendor.

Maintenance of equipment, such as forklifts and loaders, is done on site by facility staff and outside contractors, as needed. Major repairs are done off site. A concrete pad where the majority of equipment is serviced is located adjacent to the oil storage area south of the COMS and CEMS room building. Equipment is fueled on site at the fueling area south of the fire pump house or fueled from a portable 100-gallon fuel tank, which is filled at the fueling area and taken to the larger equipment to be fueled. Equipment and vehicle washing is not done on site.

A fire-suppression system for the wood fuel is located at the wood-fuel storage area. Water used for fire suppression is supplied by on-site water wells located east of the fire pump house. Water

for fire suppression is stored in a large, 60,000-gallon water tank located south of the fire pump house.

2.7 PAST USES OF THE SUBJECT PROPERTY

In order to identify past uses on and around the Subject Property with the potential to cause RECs, TRC staff conducted a survey of the following historical sources:

- Aerial photographs obtained from EDR for the years 1937, 1957, 1968, 1974, 1982, 1993, 1998, 2005, 2006, 2009, 2010, and 2012.
- Historical topographic maps obtained from EDR for the years 1916, 1922, 1947, 1954, 1968, and 1981.
- Sanborn Fire Insurance Maps searched for by EDR; no Sanborn maps were available for the property.
- City directories obtained from EDR for the period of 1959 through 2013.
- Historical information shared by Greenleaf staff.

Copies of available historical documentation obtained by EDR are presented in Appendix B.

2.8 CURRENT AND PAST USES OF ADJOINING PROPERTIES

The area surrounding the Subject Property contains extensive agricultural operations, with large areas dedicated to the cultivation of row crops; a large industrial area is located immediately south of the Subject Property. An inquiry into the historic uses of the vicinity reveals that past activities were largely consistent with the scale and nature of current uses. Over the course of the last century, various improvements in the area were noted, including the addition of irrigation canals and improvements/expansion of area roads. In the mid-20th century, the large Owens-Brockway Glass Manufacturing Facility and the Tracy Natural Gas Peaker Plant—which currently stand immediately south of the Subject Property—were constructed.

3.0 User-Provided Information

3.1 REQUESTED DOCUMENTS AND INFORMATION

ASTM E1527 specifies that the property owner, key Site Manager, and User provide any helpful documents that may be available. In order to facilitate and document the collection of this information, TRC has requested information from Mr. Craig Bressan (Corporate Manager, Environmental Health and Safety at Greenleaf).

The following documents and information were requested from Mr. Bressan:

- Environmental site assessment or audit reports
- Environmental permits or hazardous waste generator notices/reports
- Registrations for aboveground and underground storage tanks, septic systems, oil wells, or water wells
- Safety data sheets; Community Right to Know Plans; Safety, Preparedness, and Prevention Plans; and Spill Prevention Countermeasures and Control (SPCC) Plans
- Reports regarding hydrologic conditions on the Subject Property or surrounding area
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- Hazardous waste generator reports
- Geotechnical studies
- Proceedings regarding hazardous substances and petroleum products, including any pending, threatened, or past: litigation; administrative proceedings; or notices from any governmental entity regarding possible violations of environmental laws or other possible liabilities related to hazardous substances or petroleum products

In response to this request, Mr. Bressan supplied TRC staff with a Phase I previously performed on the Subject Property, an SPCC plan, a California Environmental Reporting System (CERS) submittal summary, copies of San Joaquin Valley Air Pollution Control District (SJVAPCD) Notices of Violation (NOVs), and an EPA ID Number Verification form. Documentation provided by Greenleaf can be found in Appendix E: User-Provided Documents.

3.2 TITLE RECORDS

A title search was not conducted as a part of this report.

3.3 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

TRC retained Environmental Data Resources (EDR) to conduct a search of environmental databases for entries connected to the Subject Property. No environmental liens were in discovered (Appendix B).

3.4 ACTUAL KNOWLEDGE OF THE USER

The User has no actual knowledge of any environmental lien or AULs encumbering the Subject Property or in connection with the Subject Property.

3.5 SPECIALIZED KNOWLEDGE OF THE USER

According to information provided in the User Environmental Questionnaire, the User does not have specialized knowledge related to the Subject Property.

3.6 REASON FOR SIGNIFICANTLY LOWER PURCHASE PRICE

According to information provided by the User, the Subject Property is valued at its fair market value, representative of the region for similar land and improvements.

3.7 COMMONLY KNOWN OR REASONABLE ASCERTAINABLE INFORMATION

According to information provided by the User in the Environmental Questionnaire, the User is not aware of other commonly known or reasonably ascertainable information within the local community about the Subject Property, including the following:

- Past uses of the Subject Property
- Specific chemicals that are present or once were present at the Subject Property
- Spills or other chemical releases that have taken place at the Subject Property
- Environmental cleanups that have taken place at the Subject Property

4.0 Records Review

The purpose of the records review is to obtain and review records that will help identify RECs in connection with the Subject Property. EDR conducted a search of regulatory databases to determine whether hazardous materials releases have occurred on properties within a given radius of the Subject Property. The search radii varied for each regulatory database, from a 1/8-mile radius to a 1-mile radius, as specified in the ASTM E1527-13 standard. A detailed description of the sites identified by EDR, a radius map, and a description of the databases are provided in Appendix B. A brief summary of the results of the database searches is provided below. Note that EDR searched all databases required by the ASTM standard, along with some additional databases not required by ASTM.

4.1 ENVIRONMENTAL RECORDS SOURCES

As required by Standard Practice E-1527-7.2.1, the following records were reviewed by obtaining an EDR Radius Map with GeoCheck from Environmental Data Resources, Inc. Supporting documentation, reports, and notes for this section are located in Appendix B.

Database	Distance from Subject Property (Mi.)	Target Property	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
Federal Facility	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS								
facilities list								

Database	Distance from Subject Property (Mi.)	Target Property	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS								
TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US eng controls	0.500		0	0	0	NR	NR	0
US inst controls	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State/tribal CERCLIS equivalent								
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State/tribal leaking storage tanks								
CA LUST	0.500		1	0	0	NR	NR	1
CA SLIC	0.500		2	0	1	NR	NR	3
Indian LUST	0.500		0	0	0	NR	NR	0
State and tribal registered								

Database	Distance from Subject Property (Mi.)	Target Property	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
storage tank lists								
CA UST	0.250		1	0	NR	NR	NR	1
CA AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS 0.750	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS Region 9	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		1	0	NR	NR	NR	1
SWEEPS UST	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0

Database	Distance from Subject Property (Mi.)	Target Property	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
CA LIENS	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Spills 90	TP		NR	NR	NR	NR	NR	0
OTHER ASCERTAINABLE RECORDS								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSNT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP	1	NR	NR	NR	NR	NR	1
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA UIC	TP		NR	NR	NR	NR	NR	0
CA NPDES	TP		NR	NR	NR	NR	NR	0
CA CORTESE	0.500		0	0	0	NR	NR	0
CA HIST CORTESE	0.500		1	0	0	NR	NR	1
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0

Database	Distance from Subject Property (Mi.)	Target Property	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
CA HAZNET	TP	2	NR	NR	NR	NR	NR	2
CA EMI	TP	3	NR	NR	NR	NR	NR	3
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
CA HWT	0.250		0	0	NR	NR	NR	0
CA HWP	1.000		0	0	0	0	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US AIRS	TP	1	NR	NR	NR	NR	NR	1
PRP	TP		NR	NR	NR	NR	NR	0
EPA WATCHLIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

Notes:
TP = Target Property
NR = Not Requested

4.1.1 Subject Property

The Subject Property was identified on three databases reviewed by EDR. The following paragraphs contain a brief summary of these databases:

HAZNET: The Subject Property is listed on HAZNET under Thermal Energy Development Partnership LP, Tracy Operators, and Tracy Biomass Plant. The presence of the Subject Property on this database simply means that hazardous waste was generated on site and was shipped off site with a hazardous waste manifest. The database did not list any violations associated with hazardous waste related to the Subject Property. According to the EDR results, the following types of hazardous wastes were generated and disposed of off site under the following names:

- Thermal Energy: acidic liquid waste, liquid waste oil and mixed oil, unspecified oil-containing waste, and oil-water separation sludge

- Tracy Biomass: other inorganic waste

- Tracy Operators: unspecified oil-containing solid waste (non-RCRA hazardous waste), other inorganic solid waste, other organic solids

FINDS: The Subject Property is identified on the FINDS database under Tracy Biomass Plant for being listed in the following databases: Aerometric Information Retrieval System (AIRS) Facility Subsystem (AFS); the National Emissions Inventory (NEI); US Emissions and Generation Resource Database (EGRID); and U.S. EPA Risk Management Plan (RMP) database. AIRS is the U.S. national repository for air emissions and compliance data for industrial facilities that are permitted under Title V of the Clean Air Act. The NEI database tracks facilities that emit criteria air pollutants and hazardous air pollutants (HAPs). The EGRID database tracks emissions for all power plants in the US. The RMP database tracks facilities that are required to have an RMP for the manufacture, use, or storage of certain hazardous substances under the Clean Air Act. The RMP for the Subject Property was developed for the bulk storage of ammonium hydroxide in a 12,500-gallon AST. Records did not indicate a violation in any of these databases for the property. The property was also identified in the FINDS database under Tracy Operators for reporting criteria and hazardous air pollutant inventory. The Subject Property was not listed for any other databases or recorded for any violations under this listing in FINDS.

EMI: The Emissions Inventory Database (EMI) tracks emission reporting records and is maintained by California Air Resources Board (CARB) and by local Air Pollution Control Districts. The facility is shown as having emitted several tons per year of organic gases, carbon monoxide, oxides of nitrogen (NO_x), oxides of sulphur (SO_x), and particulate matter less than or equal to 10 micrometers (PM_{10}) since 1990.

4.1.2 Adjacent Properties

Surrounding properties that could potentially impact the Subject Property were identified within the EDR database search radius. Based on the nature of the listing(s), the status of the listing(s) and/or the distance from the property, all of these listings were determined not to have a likely impact on the property, with the exception of the following:

- Tracy Youth Sports Park facility located at 15178 Schulte Road, approximately 0.12 mile west-northwest of the property, is listed on the California Central Valley Regional Water Quality Control Board (RWQCB) Spills Leaks Investigations and Cleanups (SLIC) database. The SLIC database indicates that the site was subject to a cleanup program but the facility's status is listed as "Completed - Case Closed". The site is noted to have impacted soil, but does not specify the contaminant of concern or extent of impact. The site is at an elevation equal to or higher than the elevation of the Subject Property, but

due to indications of a completed cleanup, it is not expected that any potential exists for contaminants to migrate to the Subject Property. Therefore, it is not considered a REC.

- Owens-Brockway Glass Container facility is located at 14700 Schulte Road, approximately 0.08 mile east of the Subject Property. The facility can be accessed by Schulte Road, along the eastern border of the Subject Property, and though the facility buildings and operations area that borders the Subject Property to the south. This facility is listed under several governmental databases including RCRA-LQG, TRIS, FINDS, HIST CORTESE, LUST, SLIC, HIST UST, ENF, and WDS. The EDR search shows that the facility uses hazardous materials and generates several types of hazardous wastes in large quantities (greater than 1,000 kg per month). Hazardous wastes generated include ignitable, heavy metals (e.g., chromium and lead), and non-halogenated solvents (e.g., benzene and methyl ethyl ketone). The materials are shown to be stored both in large-volume ASTs and underground storage tanks (USTs). The facility is recorded as having several NOVs and documented spills on more than one occasion. A current impact to soil is “open” in status in the Geotracker database. During TRC’s site visit, the facility appeared to be higher in elevation than the Subject Property, with the general topography sloping to the northeast, increasing the chance that surface water /runoff could carry contaminants onto the Subject Property. Records reviewed did not specify the type of contaminant(s) or extent of impact to soil and/or groundwater. In addition, the facility is also in the NEI database for emissions of HAPs. Depending on wind direction, emissions may the reach Subject Property. Based on the close proximity of the Owens-Brockway site to the Subject Property; the prevailing grade in the area, which slopes generally toward the Subject Property; and the history of contamination at the Owens-Brockway facility, it is considered an REC.

4.1.3 Orphan Sites

The EDR database review also identified certain regulated activities in the vicinity of the Subject Property that could not be plotted on the overview map due to the lack of address information. These facilities were identified in the “Orphan Summary” of the EDR report. Based upon TRC’s further review of information for these sites, reconnaissance of the area, and the nature of the regulated activities, these sites were judged as not representing a significant risk of environmental impairment to the property.

4.2 PHYSICAL SETTING SOURCES

As required by Standard Practice E-1527-7.23, the following records were reviewed:

Physical Setting Sources

Record	Searched?	If not, why not?	Potential for Recognized Environmental Conditions?
Standard Source USGS Quad maps	Yes		No

4.3 HISTORICAL USE INFORMATION

The objective of consulting historical sources is to develop a history of the previous uses or occupancies of the Subject Property and surrounding area to identify those uses or occupancies that are likely to have led to RECs in connection with the Subject Property.

As required by Standard Practice E-1527-7.3, historical records were reviewed by obtaining an EDR Radius Map with GeoCheck from EDR. Supporting documentation, reports, and notes for this section are located in Appendix A. Aerial photographs, included as Exhibits 5 through 10, were reviewed and the findings are discussed in Section 3.2.

Historical Sources

Record	Searched?	If not, why not?	Potential for Recognized Environmental Conditions?
Standard Sources- 1957-present			
Aerial Photographs dates (1937, 1957, 1968, 1974, 1982, 1993, 1998, 2005, 2006, 2009, 2010, and 2012)	Yes		Yes
Fire insurance map	No	None found	No
Chain-of-title	No		
Property tax files	No	Outside scope	

Standard Sources- prior to 1940 Aerial Photos	No	None available	
Other Sources Interview with owner/lessee	Yes		Yes

4.4 ADDITIONAL RECORD SOURCES

TRC staff consulted with the San Joaquin County Environmental Health Department (SJCEHD) concerning potential releases, contamination, or other incidents linked to the subject property. A search of records available on the SJCEHD failed to reveal any issues not already documented in the EDR records checks.

Craig Bressan of Greenleaf provided TRC staff with the following documents:

- Spill Prevention Control and Countermeasures (SPCC) plan
- California Environmental Reporting System (CERS) Submittal Summary
- San Joaquin Valley Air Pollution Control District (SJVAPCD) Notices of Violation (NOVs)
- EPA ID Number Verification form

Review of the provided documents did not uncover any issues not already documented in the EDR records checks.

5.0 Interviews

According to the review of the historic aerial photographs, the site was previously utilized for agricultural production; however, it has housed a power plant since 1990. The current property owner's representative, Mr. Bressan, was interviewed concerning the Subject Property.

5.1 INTERVIEWS WITH OWNER'S REPRESENTATIVE

TRC staff interviewed the property owner's representative, Mr. Craig Bressan, Corporate Manager Environmental Health and Safety, Greenleaf Power concerning historical uses, plant operations, and other pertinent details. In response to TRC requests, Mr. Bressan supplied TRC staff with a Phase I previously performed on the Subject Property, a Spill Prevention Control and Countermeasures (SPCC) plan, a California Environmental Reporting System (CERS) Submittal Summary, copies of San Joaquin Valley Air Pollution Control District (SJVAPCD) Notices of Violation (NOVs), and an EPA ID Number Verification form. Documentation provided by Greenleaf can be found in Appendix E: User Provided Documents.

5.2 NEIGHBORING PROPERTY OWNER INTERVIEWS

TRC attempted to contact other adjacent property owners; however, the neighboring property owners or their representatives were not available at the time of survey.

6.0 Information from Site Reconnaissance and Reviews

Austin Moore (TRC) visited the Tracy Biomass Power Plant, located at 14800 West Schulte Road in Tracy, California on April 14, 2014. The purpose of the site reconnaissance was to obtain information indicating the presence of RECs in connection with the Subject Property. The methodology used to inspect the site was traversing and photographing the site on foot, and recording observations. Mr. Moore was accompanied during his site visit by Craig Bressan (Greenleaf). No inspection for asbestos, radon, or lead paint was conducted. In addition, no survey for gamma or alpha radiation or for other radionuclides was conducted. Appendix C contains a series of photographs that document conditions encountered during the site inspection.

6.1 HAZARDOUS SUBSTANCES IN CONNECTION WITH IDENTIFIED USES

During the site visit, the following various materials involved in the operation, equipment maintenance and operation, water treatment, emissions controls, etc. were observed around the Subject Property: acetylene, ammonium, antifreeze, bleach, hydroxide, argon, calcium hydroxide, ChemTreat (various), diesel fuel (in various tanks), grease lubricant, hydraulic oil, hydrogen peroxide, lubricating oil, motor oil, nitrogen, nitrogen gas mix, oxygen, sodium bicarbonate, sodium hydroxide, sodium hypochlorite, sodium phosphate, sulfuric acid, transmission oil, and turbine oil. More detail can be found in **Appendix C: Photograph Log**.

Additionally, Greenleaf provided a list of the Safety Data Sheets (SDS) they maintain on site for materials potentially employed during operations. Refer to **Appendix E: User-Provided Documents** for a complete list of materials potentially used at the Tracy Biomass facility.

6.2 HAZARDOUS SUBSTANCES CONTAINERS AND UNIDENTIFIED SUBSTANCE CONTAINERS

Materials—such as those previously listed—were observed around the operations area of the Subject Property. These materials were stored in various containers including tanks, drums, and bottles, etc. Containment measures—including double-walled tanks, containment pallets, and concrete secondary containment areas linked to an oil water separator, etc.—commensurate with the materials being stored were observed throughout the Subject Property. Conditions of materials storage and containment equipment are documented in **Appendix C: Photograph Log**. Although some of the storage areas did not demonstrate the most orderly appearance, no sign of spills was noted outside of containment areas.

6.3 STORAGE TANKS

There are no known USTs on the Subject Property. Interviews with personnel on site did not indicate the presence of any current or past historical USTs on the Subject Property. A number of aboveground storage tanks, both in active use and decommissioned, are housed around the Subject Property. However, no indications of damage leaks or accidental release were noted

during the site visit. All observed tanks appeared to be in good repair and did not exhibit visual characteristics indicative of leaks. For more information, see **Appendix C: Photograph Log**.

6.4 INDICATION OF POLYCHLORINATED BIPHENYLS

Polychlorinated Biphenyls (PCBs) are synthetic compounds made up of chlorinated, aromatic hydrocarbons that are known to pose certain health risks including birth defects, skin lesions, and cancer. Once commonly used in oil-insulated transformers, capacitors, fluorescent light ballasts, and other common household and industrial items, regulations implemented by the EPA in 1979 banned their use in transformers and ballast.

Because this facility was constructed after 1979, it is assumed that any transformers or electrical equipment used on site would not be likely to contain PCBs. Furthermore, the electric transmission/regulation equipment that was observed around the Subject Property did not exhibit signs of damage or leaks. Therefore, the threat of PCB contamination is deemed to be low to none.

6.5 INDICATIONS OF SOLID WASTE DISPOSAL

The southwestern corner of the Subject Property features a large pile of material which Greenleaf represents as construction debris/waste. The large pile of material appears to be composed largely of soil, possibly from the original grading/site preparation. Large portions of the pile feature extensive amounts of vegetative growth, indicating that the pile has not been disturbed for some time. Greenleaf staff have indicated that there are no pending plans to move or otherwise disturb the pile.

Used pressure-treated utility poles were observed in large piles on the ground near the southern border of the Subject Property. A chemical smell consistent with that of creosote was noted in the area; however, the ground beneath the utility poles did not appear to be stained or discolored, and the presence of creosote could only be confirmed with testing, which was not a part of the scope of this investigation.

Waste generated as a product of plant operations with potential to contain hazardous substances or petroleum products include bottom ash, used waste oils, oil-containing wastes, oil sludge, and universal wastes.

Fly ash and bottom ash are produced during the burning of biomass material used to generate steam for the production of electricity. This ash, which has a potential to contain heavy metals and other hazardous materials including arsenic and lead, is sampled and tested to determine appropriate handling, storage, and disposal procedures. Analytical results are reviewed by the O&M Manager, and the ash is disposed of accordingly. Currently, less than 2% of the bottom ash produced at this triggers thresholds to be classified as hazardous waste. Bottom ash that does meet these thresholds for concentrations of arsenic and lead is stored on plastic containment barriers, which appeared to be in good condition, until such a time that it can be disposed of off site as a California non-RCRA hazardous waste. Bottom ash does not meet the federal definition

of a RCRA hazardous waste. Ash determined to be nonhazardous is reused off site for other purposes, such as fertilizer material.

Waste oil is generated by on-site activities and is stored in 55-gallon drums in the oil storage and service station area. Minor staining was noted on the concrete pad within the containment area. Solid waste containing waste oil is also generated from facility operations and maintenance activities, and includes waste oil filters and debris containing waste oil. Waste oil from the oil-water separator is disposed of off site. Sludge from the oil-water separator is cleaned out for routine maintenance and shipped off site. The oil water separator was contained within a concrete containment area that demonstrated no signs of failure or potential for leakage.

Universal wastes generated at the property include used bulbs, lead-acid batteries, and aerosol cans. Used batteries are stored in the control and maintenance building, and used bulbs/lamps are stored in the storage warehouse. General waste from the offices and other non-hazardous wastes are disposed of off site at the local municipal landfill. Waste management services are provided by the City of Tracy Public Works Department.

6.6 AIR POLLUTION

Air pollution would not likely pose a threat to the Subject Property, although some transient air pollution may occur at the site due to its vicinity to the Owens-Brockway Glass Container facility and the Tracy Peaker Plant.

6.6.1 Transient Water Pollution

Because the property is located downgrade from a site with a documented history of soil and groundwater contamination, there is a possibility for plumes of contamination to migrate into the area of the Subject Property.

6.7 ADDITIONAL CONDITIONS OF CONCERN

This site is a large, industrial power plant which burns biomass to produce electricity via a steam-powered turbine. The industrial nature of the facility requires a variety of chemicals, solvents, and petroleum products to be utilized around the site for plant operations. While it was noted that care has been taken to limit the exposure to the environment of said materials. It is inevitable that over the years trace amounts of these and other materials used at the site may have transported their way into the soil and/or groundwater around the site. This combined with the prior agricultural use at the site and continuing agricultural applications in the area, which likely utilized a number of hazardous bioaccumulative pesticides, fungicides, and herbicides, provides the potential for undocumented contamination at the site. A Phase II would be necessary to determine the presence or absence of such compounds.

7.0 Findings, Conclusions, and Recommendations

TRC has conducted a Phase I Environmental Site Assessment of the Subject Property—located at 14800 West Schulte Road, in Tracy, San Joaquin County, California—in general conformance with the scope and limitations of ASTM Standard Practice E-1527. The Subject Property includes a total of approximately 38 acres in rural San Joaquin County.

An REC is defined as the presence or likely presence of any hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.

The assessment has revealed the following RECs in connection with the property:

REC: Two surrounding sites were identified on the EDR report within the ASTM-specified search radii. Based on the nature of these listings, the status of these listings, and/or the distance from the target property, these listings were determined to be a potential concern:

- The Tracy Youth Sports Park facility located at 15178 Schulte Road, approximately 0.12 mile west-northwest of the property, is listed as an open site with the California RWQCB. The site is noted as having impacted soil, but the case is listed as being closed. As such, it is not anticipated that contamination from this site poses a threat to the Subject Property.

- The Owens-Brockway Glass Container facility is located 14700 Schulte Road and borders the property to the south. The facility is recorded as having violations and documented spills on more than one occasion. A current impact to soil is “open” in status according to RWQCB files. During TRC’s site visit, the facility appeared to be higher in elevation from the property and the general topography slopes to the north-northeast, indicating that the facility may be upgradient of the property. Records reviewed did not specify the type of contaminant(s) or extent of impact to soil and/or groundwater, and this site may have an impact on the Subject Property. In addition, the facility is also in the NEI database for emissions of HAPs.

Opinion of Impact: The type of contaminant and extent of impact for the neighboring site is unknown. Given the proximity of the site to the property, there is a reasonable possibility that these sites may have an impact on the property. The glass manufacturing facility emits hazardous air pollutants which may impact the air quality of the property, especially if the facility were to exceed their emission limits. If a higher degree of comfort is desired, further investigation regarding the status of these neighboring sites, with respect to potential impacts on the property, should be considered.

REC: Ash has been found to contain elevated levels of heavy metals, with arsenic and lead as the primary contaminants of concern. Ash is stored on site on an unlined area of the property, and is exposed to stormwater and wind. Bottom ash is stockpiled on plastic sheets prior to being disposed off site.

The fly ash is also stockpiled on site in an unlined area and was previously used as fill for some areas of the property. A previous Phase I and Phase II that ESA conducted in 2005 determined that although the samples collected in the area of ash storage and soil beneath the ash fill were not determined to be hazardous, elevated levels of arsenic were detected above screening criteria in samples of ash used as fill.

Opinion of Impact: Detected concentrations of arsenic above established screening levels may result in cleanup action by regulatory agencies in the future. Greenleaf staff indicated that ash is sampled and tested prior to storage and that ash featuring elevated levels of hazardous materials is handled accordingly. As long as these practices are continued, the risk of contamination from ash storage is considered minimal. However, additional testing may be done to confirm that previous ash storage and use is not negatively impacting the Subject Property. Confirmation sampling should be considered to establish current baseline concentrations.

REC: The stormwater retention ponds are unlined and the stormwater drainage system is not protected from pollutants. Stormwater drainage conveyances were observed to be covered with sediment and debris. A stormwater management program is not implemented at the facility as it is operated as “no-discharge” facility. The quality of stormwater runoff entering the retention pond areas is not known. An SPCC (dated September 28, 2012) details measures taken to prevent the spread of hazardous materials and petroleum products. However, observations at the time of the site visit determined that the stormwater retention ponds were discolored, which is a possible a sign of contamination. A previous Phase II ESA, conducted in 2005 by LFR, detected elevated levels of arsenic and metals in a stormwater drainage swale at the western border of the property. In addition, surface water in the northeastern stormwater retention pond displayed elevated concentrations of arsenic, thallium, bis (2-ethylhexyl) phthalate, and total petroleum hydrocarbon as diesel (TPHd).

Opinion of Impact: Despite efforts that have been made to control releases since previous studies were conducted, it is possible that contaminants persist in the stormwater collection basins. Pollutants from general operation areas of the property could still possibly enter the retention ponds located at the northern area of the property. Concentrations of contaminants were previously detected in a stormwater drainage swale, indicating the likelihood that contaminants are conveyed through the on-site stormwater drainage system, impacting the property. Groundwater from the unlined retention ponds can also impact the property. In addition, the facility is in the NEI database for emissions of HAPs.

REC: Construction debris—which may include hazardous materials—may have been disposed of in the soil stockpile located at the southwest corner of the property and could impact the property. The pile appears not to have been disturbed for some time and is overgrown with plants.

Opinion of Impact: If off-site disposal or on-site reuse of the soil is considered, TRC recommends that soil samples be collected to confirm current soil quality of the observed stockpile.

REC: A stockpile of used utility poles was observed at the southern portion of the property adjacent to the construction soil stockpile and ash storage area. The poles appeared to be made of pressure-treated wood.

Opinion of Impact: The poles appeared to be constructed of treated wood, which may need to be disposed of as a hazardous waste. A smell consistent with the presence of creosote was noted in this area; however, no staining or discoloration to the soil beneath the poles was observed. TRC recommends that the wooden poles be removed from the property, in accordance with all applicable regulations.

7.1 RECOMMENDATIONS

TRC observed limited environmental conditions during the site visit that could have an adverse effect on the proposed uses of the Subject Property.

- TRC recommends that Greenleaf complete a Phase II study to determine whether the potential existence of soil and groundwater contamination on the Subject Property is connected to the above-detailed RECs.

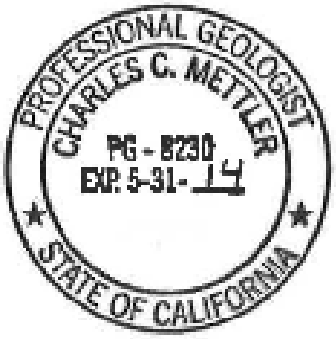
8.0 Environmental Professional Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in section 312.10 of 40 CFR 312.

I have the specific qualifications based on education, training, and experience to assess a Property of the nature, history, and setting of the Subject Property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR part 312.

Austin Kent Moore
Planner/Regulatory Compliance Analyst

Charles C. Mettler, P.G.
Principal



9.0 References

The following documents, maps or other publications may have been utilized specifically in the preparation of this Phase I ESA report or generally in the development of the report format. References to specific documents are also provided in appropriate sections of the report.

American Society of Testing and Materials, 2013, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process: Annual book of ASTM Standards, Designation E-1527-13

Environmental Data Resources, Inc., Radius Map with GeoCheck / Site Assessment Reports

Bressan, Craig; Greenleaf: Corporate Manager, Environmental Health and Safety. Personal Interview, April 14, 2014 11:15 AM

United States Department of Agriculture, Soil Conservation Service, Soil Surveys

United States Department of the Interior, Fish and Wildlife Service, National Wetlands Inventory Map 1940, 1945, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005 city directory 1964, 1970, 1984, 1995 USDA aerial photo

The following web sites have been accessed to obtain information used in the preparation of this Phase I ESA Report.

Bedrock Geology - http://geology.about.com/od/stategeologicmaps/

Geologic Provinces - http://www2.nature.nps.gov/geology/usgsnps/province/province.html

Soils Reference - http://soils.usda.gov/

State and Local Government Records - http://www.statelocalgov.net/index.cfm

State Radon Levels - http://radon.com/radon/radon_map.html

Tax and Property Records - http://www.netronline.com/public_records.htm

Wetlands Maps - http://wetlandsfws.er.usgs.gov/

10.0 List of Preparers

AUSTIN KENT MOORE

Environmental Planner/Regulatory Compliance Analyst

Education:

BA Latin American and Iberian Studies, University of California, Santa Barbara, 2009

Training:

40-Hour Hazardous Waste Operations Training, Compliance Solutions Denver, Colorado, 2013

First Aid and CPR, 2011

Introduction:

As an Environmental Planner, Mr. Moore is experienced with environmental impact assessments, remediation, and risk assessment. Mr. Moore provides consulting and management services that include: remedial investigations, feasibility studies, work plans, public participation, remedial actions, monitoring, and supervision. Mr. Moore is an expert in Environmental Site Assessment and implementing the Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process issued by the American Society for Testing and Materials (ASTM Standard Practice E1527-13) and the U.S. EPA Final Rule on "All Appropriate Inquiries Standards." Mr. Moore has conducted Phase I ESA's for private sector and government clients at diverse sites throughout the Western United States. Mr. Moore oversees due diligence investigations regarding the potential for hazardous substance liabilities. He coordinates scientific support services for CERCLA projects encompassing remedial investigations, feasibility studies, implementation of waste treatment alternatives and on-site remedial actions. He has experience managing and supervising a variety of diverse science tasks in support of commercial contracts. Mr. Moore is also an expert in the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) with several years of field research, environmental analysis, and environmental consulting experience.

Principal areas of responsibility for this Phase I ESA report: Project Management, Interviews of Knowledgeable Persons, Data Research/Record Review, Property Reconnaissance and Report Preparation.

CHARLES C. METTLER, P.G.

Education

Diplom Geologe (Master of Science Equivalent) in Geology and Mineralogy, Rheinische Friedrich Wilhelms University of Bonn, Germany, 1984
Vordiplom (Bachelor of Science Equivalent) in Geology and Paleontology, Ludwig Maximilians University of Munich, Germany, 1979

Professional Registrations/Certifications

Professional Geologist, CA No. 8230

Areas of Expertise

Mr. Charles C. Mettler, P.G., has program management and technical experience in the following general areas:

- Phase I and Phase II Environmental Site Assessments
- Design and Implementation of Soil and Groundwater Monitoring Programs
- Remedial Investigations and Feasibility Studies/ Remedial Action Plans/Remedial
- Design and Implementation Plans
- Remediation and Construction Oversight,
- Storm Water Management
- Air Monitoring/Health and Safety
- UST Management Services
- Soil and Groundwater Remediation
- Geographic Information System Analyst
- Remote Sensing
- Geologic Mapping and Structural Analysis

REPRESENTATIVE EXPERIENCE

Charles C. Mettler, Principal Geologist, has over 28 years consulting and project management experience in the environmental, geotechnical and mineral resource industries. During his tenure with TRC, Charles C. Mettler has worked in field of environmental and geotechnical geology, performing a wide variety of customer focused consulting services. Mr. Mettler's projects have included but are not limited to: environmental site assessments (Phase I and Phase II, EIR, EIS), soil, surface and groundwater quality investigations, development of appropriate recommendations and conclusions, remedial investigations and feasibility studies (RI/FS), remedial action plans, and remedial design and implementation plans. He has performed field and office investigations at numerous commercial, industrial, and agricultural sites impacted by recalcitrant solvents, petroleum fuels, waste oil, heavy metals, and pesticides. Mr. Mettler's experience includes directing and overseeing large-scale remediation and construction projects, management of large-scale soil and groundwater monitoring program, implementation of storm water compliance programs for residential and commercial projects including preparation and updating of site specific storm water pollution prevention plans, notices of intent, annual comprehensive site compliance evaluations, annual reports, storm water sampling, pollutant load analysis, and site inspections for sediment and erosion control

monitoring. He is also experienced with well sampling, surveying, aerial photograph and topographic map interpretation, historical document review, site characterization, and remedial oversight services.

Mr. Mettler has acquired extensive permitting experience, working with state and local regulatory agencies, and is familiar with legislation and permitting relating to the environmental industry, including stormwater protection regulations, current analytical techniques, regulatory requirements for remedial investigations, site investigation and remediation techniques, treatment system operation, and underground storage tanks (UST) systems.

Prior to joining TRC, Mr. Mettler has worked in the mineral resource and mining industry for over 20 years directing the worldwide search and development of predominantly precious metals ore deposits for various senior and junior mining companies, including Uranerz, Anglo Gold, White Metals, and Conquistador Mines. As Project Geologist and Senior Exploration Manager, Mr. Mettler was responsible for the design and execution of national and international mineral exploration programs. This work also included the completion of environmental impact studies (EIS) and exploration and mining post-operational reclamation work and mine rehabilitation work.

11.0 Appendices

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Appendix A

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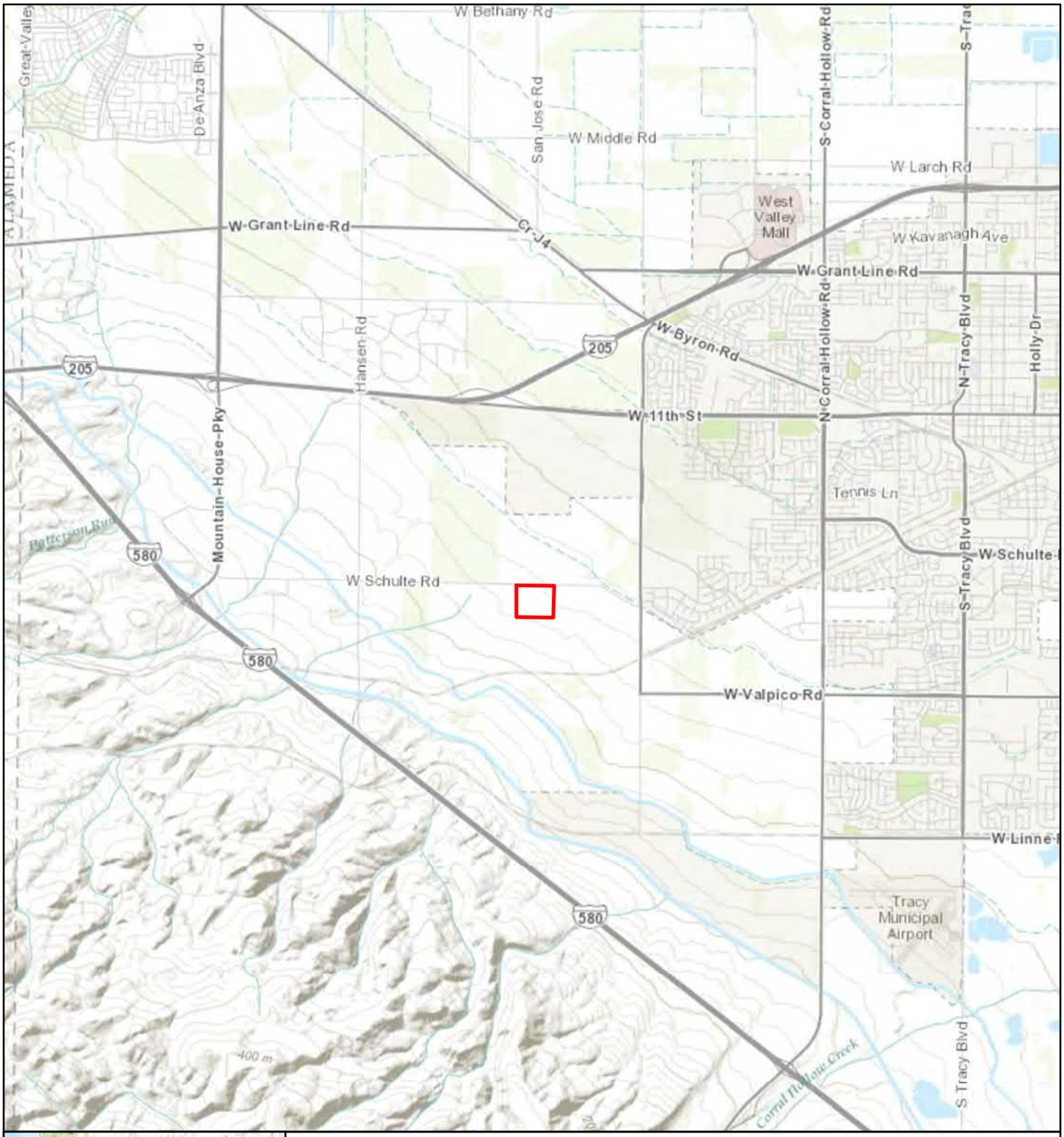


Legend

Project Area

0 1 2 Miles

Tracy Biomass

Regional Setting

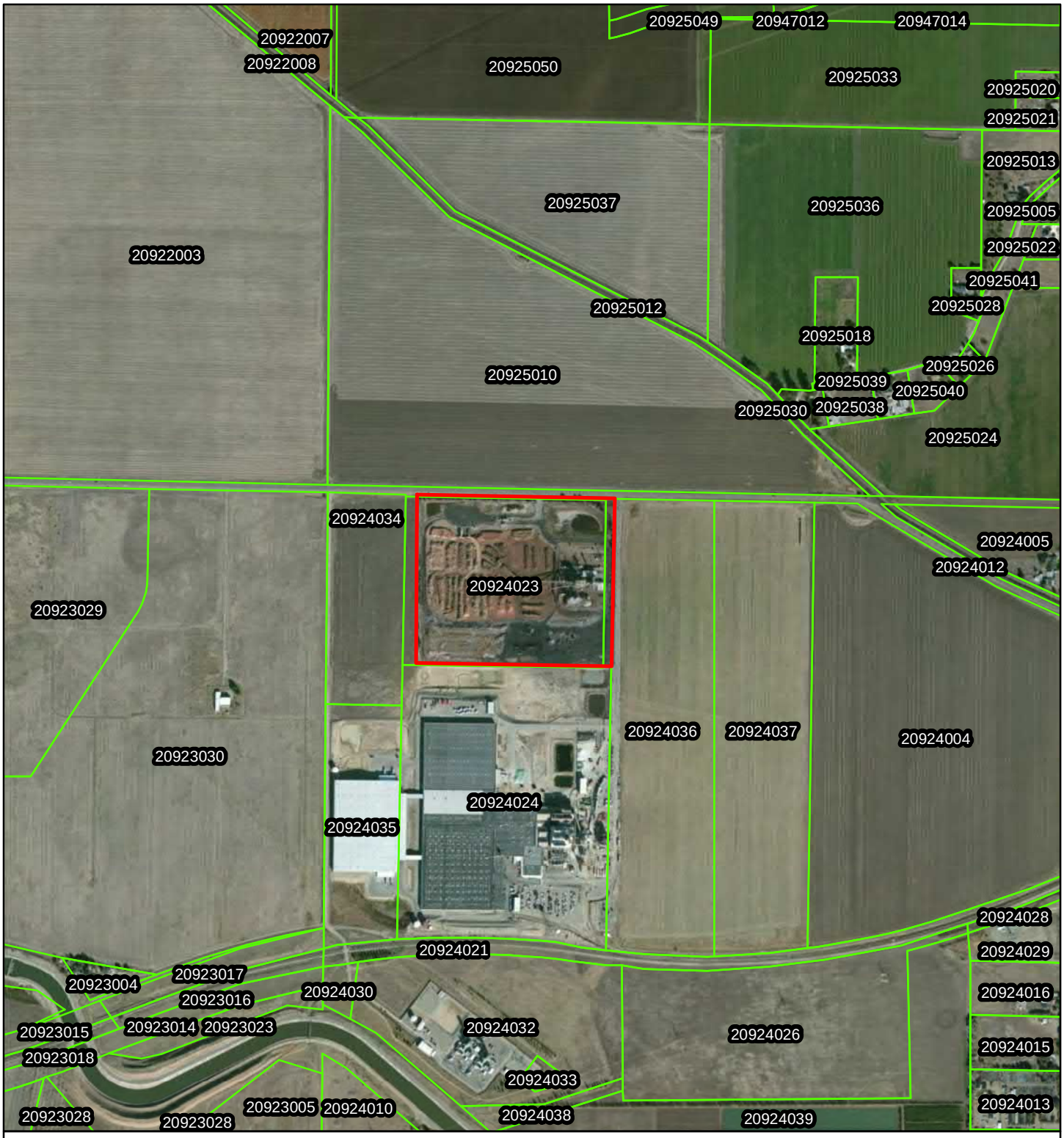
Figure 1

Greenleaf Power LLC

Greenleaf POWER

TRC Results you can rely on

Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



Legend

Project Area

Parcels

Tracy Biomass

Parcel Map

Figure 2

Greenleaf Power LLC

0 1,000 2,000 Feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

- Project Area
- Vertisols
- Alfisols
- Inceptisols

0 1,000 2,000 Feet

Tracy Biomass

Soil Survey

Figure 3

Greenleaf Power LLC

Greenleaf POWER

TRC Results you can rely on

Service Layer Credits: Source: USDA Natural Resources Conservation Service
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

- Project Area
- Hydrological Resources

Tracy Biomass

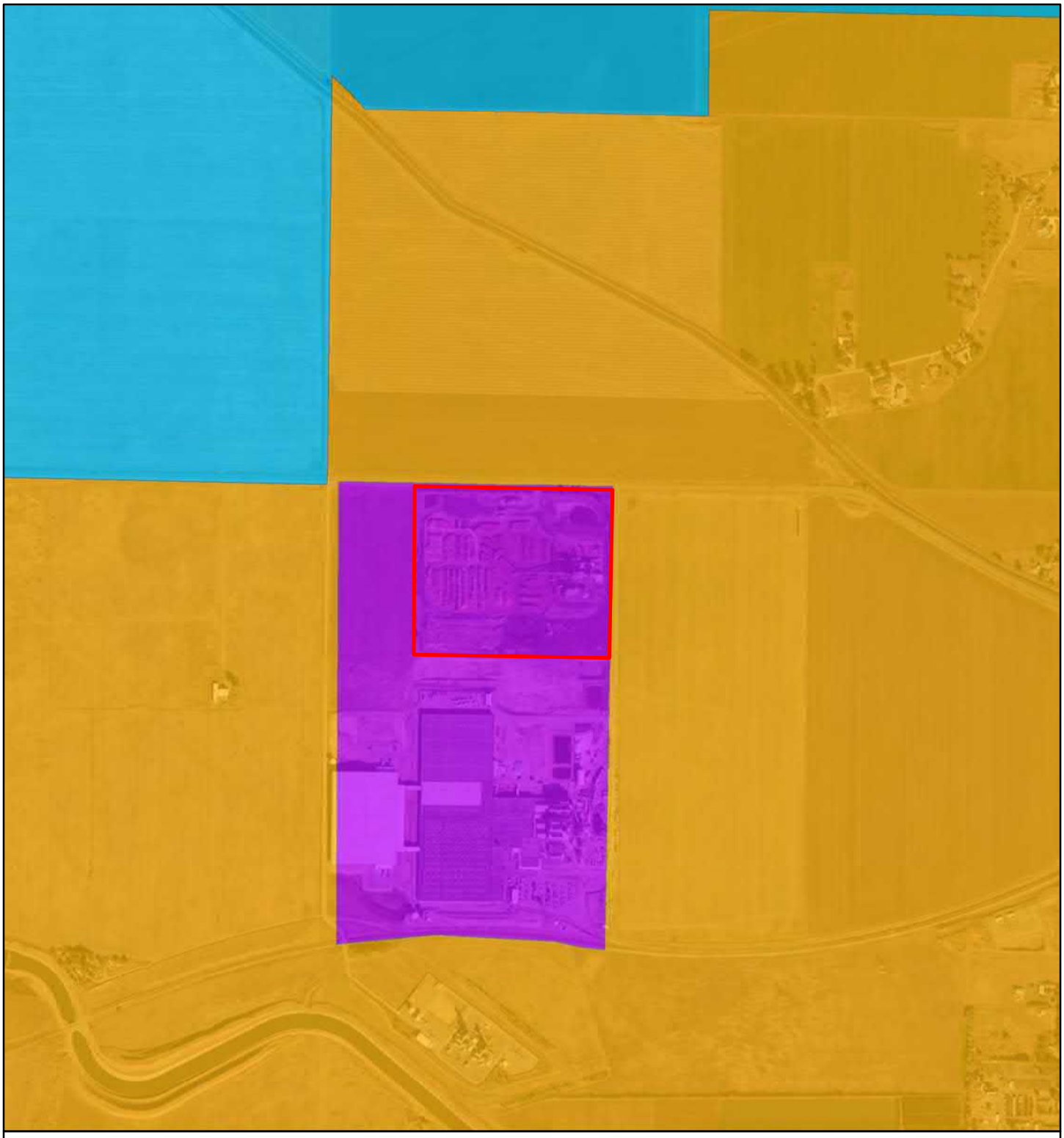
Hydrological Resources

Figure 4

Greenleaf Power LLC

0 1,000 2,000 Feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



Land Use

- Agriculture/General
- City
- Industrial/General
- Project Area

0 1,000 2,000 Feet

Tracy Biomass

Land Use Map

Figure 5

Greenleaf Power LLC

Greenleaf POWER

TRC Results you can rely on

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Appendix B

EDR Information

Tracy Biomass
14800 W Schulte Rd
Tracy, CA 95377

Inquiry Number: 3917745.9
April 30, 2014

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography April 30, 2014

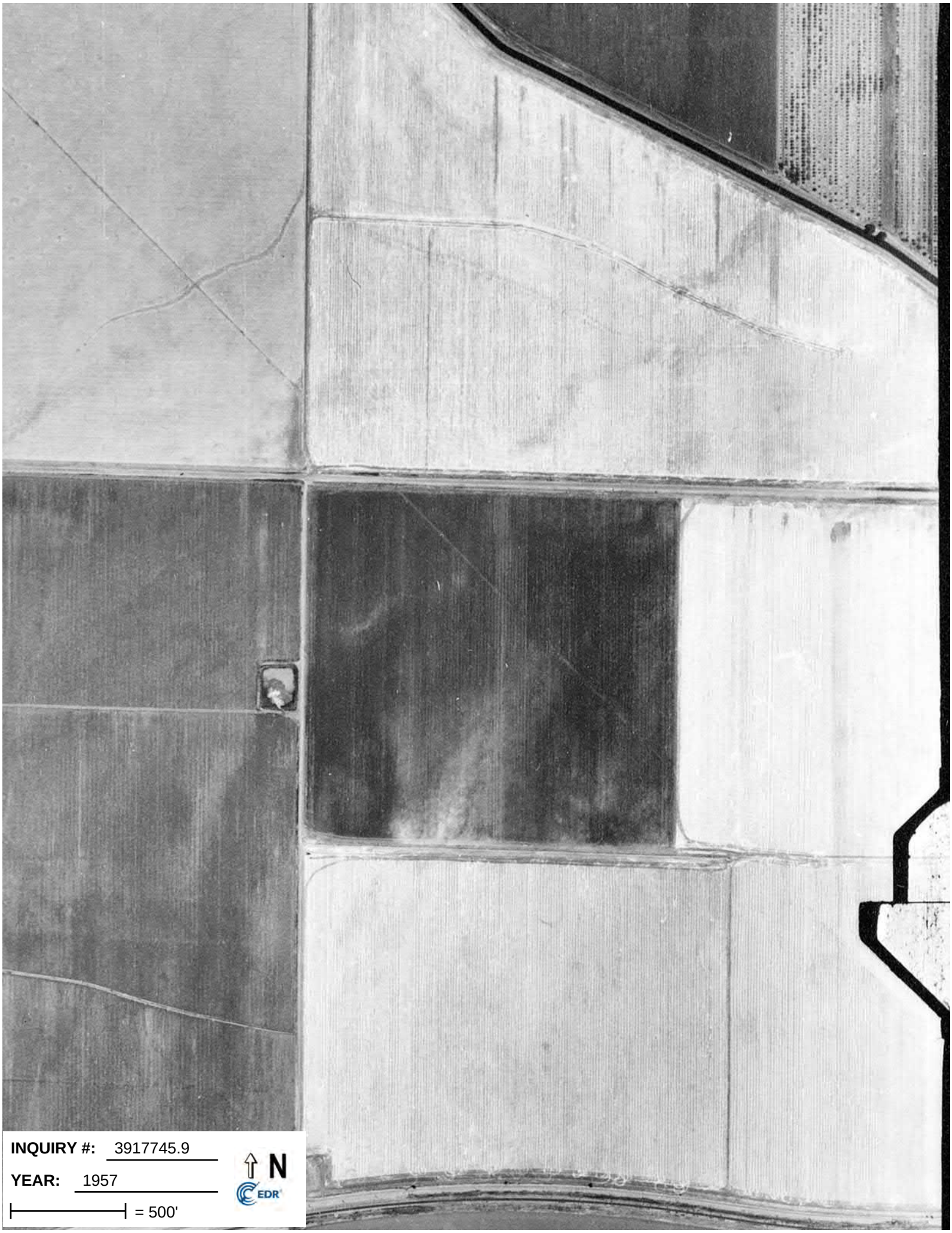
Target Property:

14800 W Schulte Rd

Tracy, CA 95377

Year	***Scale***	***Details***	***Source***
1937	Aerial Photograph. Scale: 1"=500'	Flight Year: 1937	Cartwright
1957	Aerial Photograph. Scale: 1"=500'	Flight Year: 1957	Cartwright
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	USGS
1974	Aerial Photograph. Scale: 1"=500'	Flight Year: 1974	USGS
1982	Aerial Photograph. Scale: 1"=500'	Flight Year: 1982	USGS
1993	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1993	EDR
1998	Aerial Photograph. Scale: 1"=500'	Flight Year: 1998	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	EDR

INQUIRY #: 3917745.9
YEAR: 1937
= 500'
N
EDR


INQUIRY #: 3917745.9
YEAR: 1957
= 500'
N
EDR

INQUIRY #: 3917745.9

YEAR: 1968

= 500'

N

EDR

INQUIRY #: 3917745.9
YEAR: 1974
= 500'
N
EDR

INQUIRY #: 3917745.9

YEAR: 1982

= 500'

N

EDR

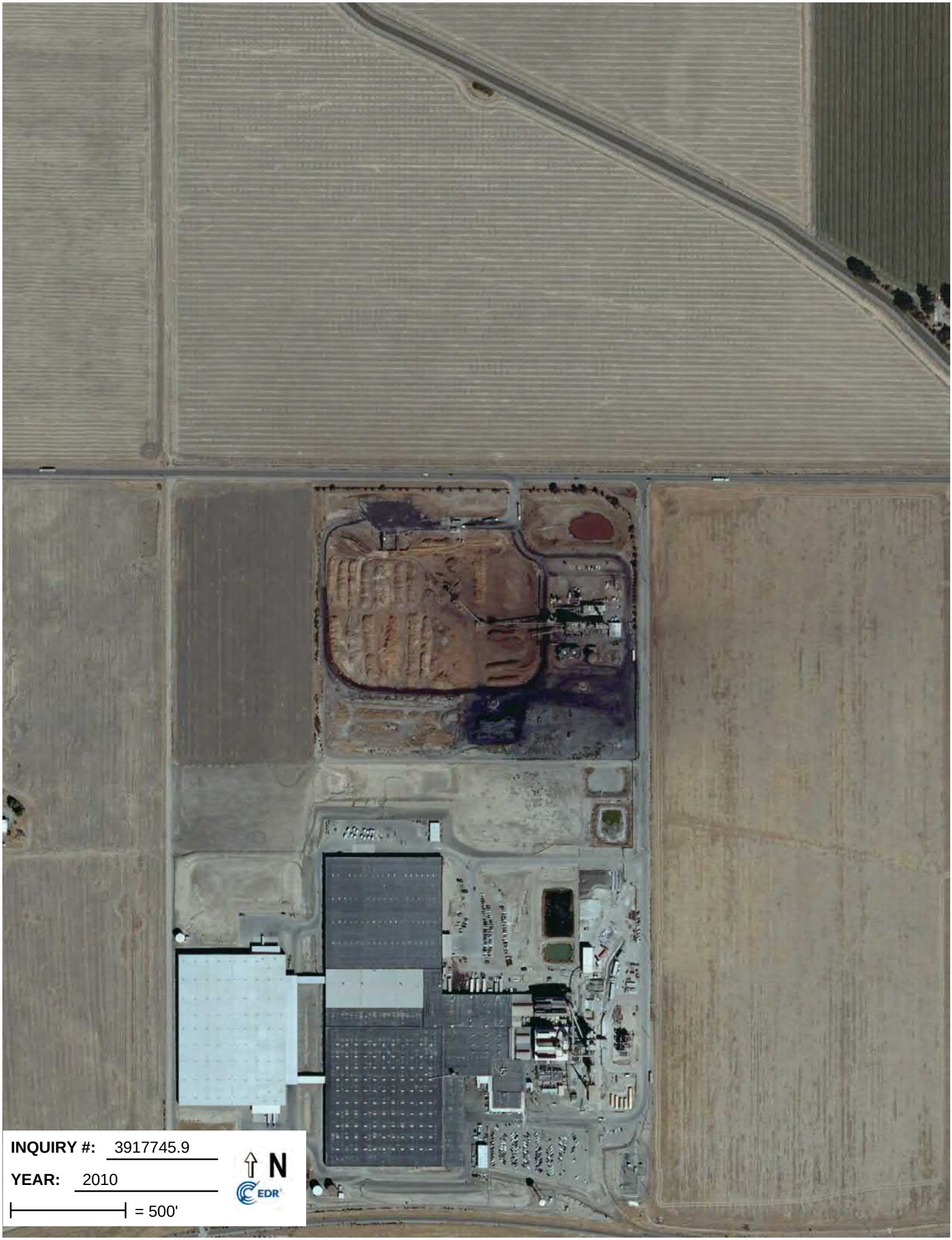
INQUIRY #: 3917745.9
YEAR: 1993
= 500'
N
EDR

INQUIRY #: 3917745.9
YEAR: 1998
= 500'
N
EDR

INQUIRY #: 3917745.9
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 3917745.9
YEAR: 2006
= 500'
N
EDR

INQUIRY #: 3917745.9
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 3917745.9
YEAR: 2010
= 500'
N
EDR

INQUIRY #: 3917745.9
YEAR: 2012
= 500'
N
EDR

Tracy Biomass
14800 W Schulte Rd
Tracy, CA 95377

Inquiry Number: 3917745.2s
April 24, 2014

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

14800 W SCHULTE RD
TRACY, CA 95377

COORDINATES

Latitude (North):	37.7199000 - 37˚ 43' 11.64''
Longitude (West):	121.4901000 - 121˚ 29' 24.36''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	633075.0
UTM Y (Meters):	4175606.0
Elevation:	127 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37121-F4 TRACY, CA
Most Recent Revision:	1981
West Map:	37121-F5 MIDWAY, CA
Most Recent Revision:	1980

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2012
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
THERMAL ENERGY DEV. CORP, LTD 14800 W SCHULTE RD TRACY, CA 95377	EMI	N/A
THERMAL ENERGY DEVELOPMENT PARTNE 14800 W. SCHULTE RD. TRACY, CA 95377	EMI	N/A
TRACY OPERATORS 14800 W. SCHULTE ROAD TRACY, CA 95376	EMI	N/A

EXECUTIVE SUMMARY

TRACY BIOMASS PLANT 14800 WEST SCHULTE ROAD TRACY, CA	FINDS	N/A
TRACY BIOMASS PLANT 14800 W. SCHULTE ROAD TRACY, CA 95376	RMP	N/A
TRACY OPERATORS 14800 W. SCHULTE ROAD TRACY, CA	FINDS	N/A
TRACY BIOMASS 14800 SCHULTE AVE TRACY, CA 95378	HAZNET	N/A
THERMAL ENERGY DEVELOPMENT CORP 14800 W SCHULTE RD TRACY, CA 95378	US AIRS	N/A
THERMAL ENERGY DEVELOPMENT PARTNE 14800 W SCHULTE RD TRACY, CA 95377	HAZNET	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

EXECUTIVE SUMMARY

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
HAULERS	Registered Waste Tire Haulers Listing
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL	Clandestine Drug Labs
HIST Cal-Sites	Historical Calsites Database
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
CDL	Clandestine Drug Labs
US HIST CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information
LIENS	Environmental Liens Listing
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators
DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN	Bond Expenditure Plan

EXECUTIVE SUMMARY

NPDES	NPDES Permits Listing
UIC	UIC Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
Notify 65	Proposition 65 Records
DRYCLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
ENF	Enforcement Action Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
2020 COR ACTION	2020 Corrective Action Program List
LEAD SMELTERS	Lead Smelter Sites
WDS	Waste Discharge System
PRP	Potentially Responsible Parties
MWMP	Medical Waste Management Program Listing
COAL ASH DOE	Steam-Electric Plant Operation Data
HWT	Registered Hazardous Waste Transporter Database
HWP	EnviroStor Permitted Facilities Listing
US FIN ASSUR	Financial Assurance Information
Financial Assurance	Financial Assurance Information Listing
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
PROC	Certified Processors Database
EPA WATCH LIST	EPA WATCH LIST

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS BROCKWAY GLASS	***14700 W SCHULTE RD***	***0 - 1/8 (0.000 mi.)***	***B12***	***68***

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 12/16/2013 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS BROCKWAY GLASS Status: Completed - Case Closed	***14700 W SCHULTE RD***	***0 - 1/8 (0.000 mi.)***	***B12***	***68***

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 12/16/2013 has revealed that there are 3 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS CONTAINER	14700 SHULTE RD W	0 - 1/8 (0.000 mi.)	B11	68
OWENS BROCKWAY GLASS Facility Status: Open - Inactive	***14700 W SCHULTE RD***	***0 - 1/8 (0.000 mi.)***	***B12***	***68***
TRACY YOUTH SPORTS PARK Facility Status: Completed - Case Closed	15178 SCHULTE ROAD	WNW 1/4 - 1/2 (0.380 mi.)	15	135

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 12/16/2013 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS BROCKWAY	14700 W SCHULTE RD	0 - 1/8 (0.000 mi.)	B10	67

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS BROCKWAY	14700 W SCHULTE	0 - 1/8 (0.000 mi.)	B13	132

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS ILLINOIS	***14700 W SCHULTE RD***	***WNW 1/8 - 1/4 (0.206 mi.)***	***14***	***132***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS BROCKWAY GLASS	***14700 W SCHULTE RD***	***0 - 1/8 (0.000 mi.)***	***B12***	***68***

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS ILLINOIS	***14700 W SCHULTE RD***	***WNW 1/8 - 1/4 (0.206 mi.)***	***14***	***132***

Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

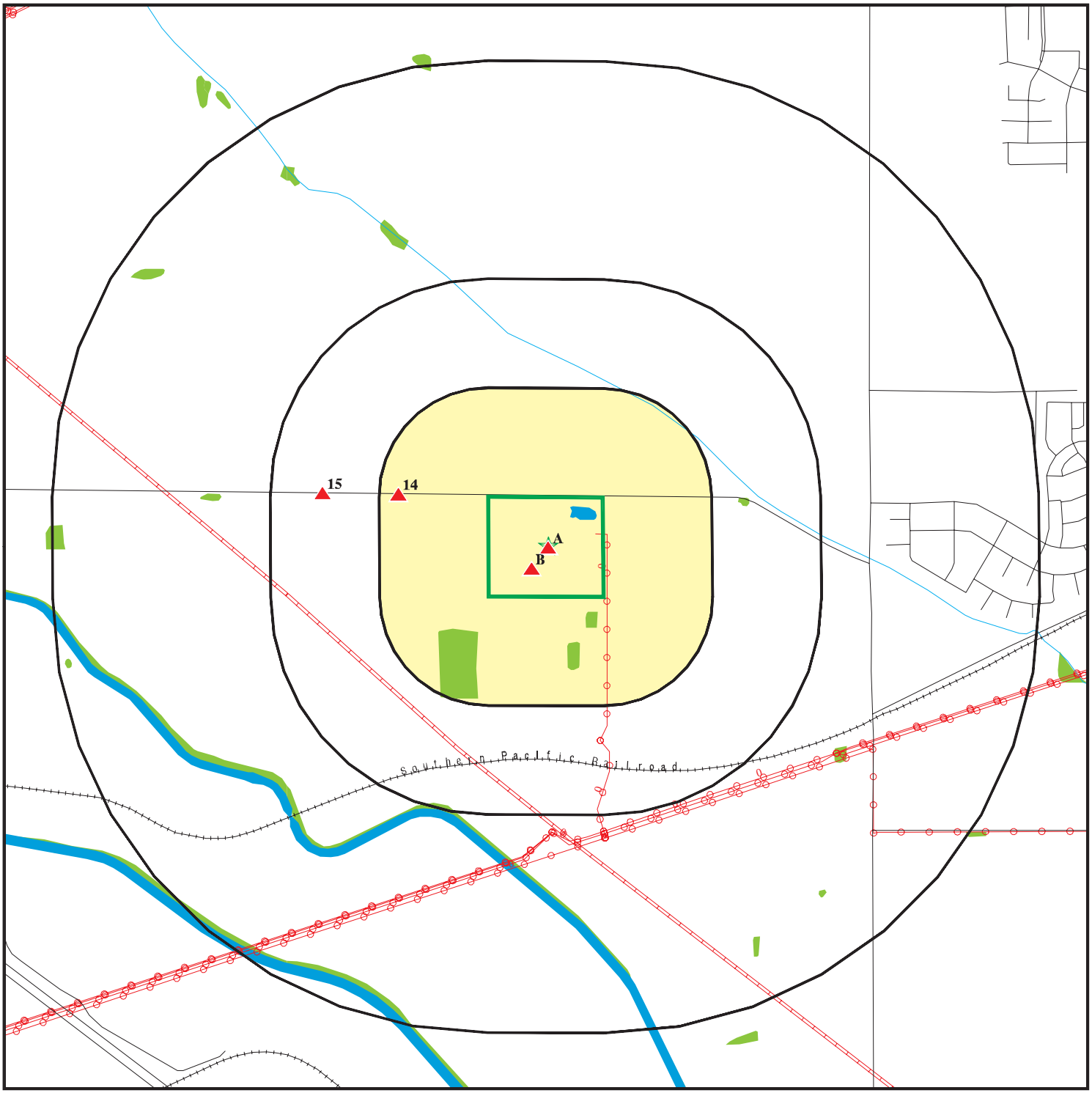
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS BROCKWAY GLASS	***14700 W SCHULTE RD***	***0 - 1/8 (0.000 mi.)***	***B12***	***68***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
SHELL PIPELINE CO LP LOCATION NO 8	RCRA-SQG
VERIZON WIRELESS TRACY CENTRAL	FINDS
PIONEER AMERICAS LLC D/B/A OLIN CH	FINDS
DEFENSE DISTRIBUTION SAN JOAQUIN T	FINDS
DDRW TRACY SITE	FINDS
CITY OF TRACY LF	FINDS
VERIZON WIRELESS TRACY NORTH	FINDS
CMC REBAR TRACY	FINDS
CITY OF TRACY, DEVELOPMENT & ENGIN	FINDS
TRACY PETRO INC DBA MAC ARTHUR CHE	FINDS
WESTERN AREA POWER ADM/TRACY	FINDS
TRIAD ENERGY RESOURCES TRACY 50 SI	FINDS
TRACY CHOP SERVICE	FINDS
TRACY CITY	FINDS
TRACY BP SERVICE CENTER	FINDS
CITY OF TRACY	FINDS
TRACY MUNI	FINDS
TRACY, CITY OF (EAST ELEVENTH ST.	SLIC
TRACY, CITY OF	SLIC
TRACY CORNERS	SLIC

OVERVIEW MAP - 3917745.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Tracy Biomass ADDRESS: 14800 W Schulte Rd Tracy CA 95377 LAT/LONG: 37.7199 / 121.4901	CLIENT: TRC CONTACT: Austin Moore INQUIRY #: 3917745.2s DATE: April 24, 2014 12:27 pm

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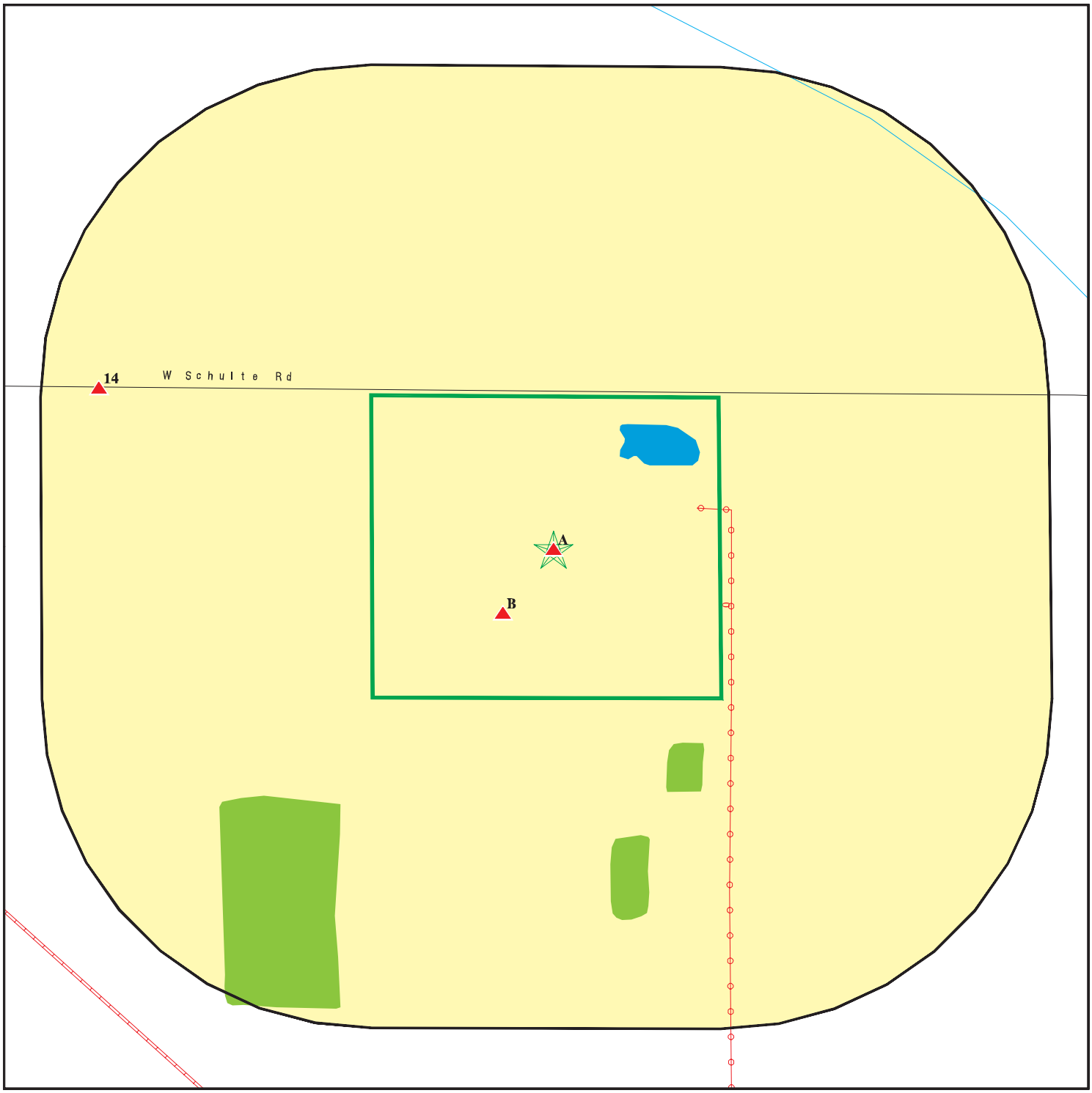
DETAIL MAP - 3917745.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Tracy Biomass ADDRESS: 14800 W Schulte Rd Tracy CA 95377 LAT/LONG: 37.7199 / 121.4901	CLIENT: TRC CONTACT: Austin Moore INQUIRY #: 3917745.2s DATE: April 24, 2014 12:31 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		1	0	0	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		2	0	1	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		1	0	NR	NR	NR	1
SWEEPS UST	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP	1	NR	NR	NR	NR	NR	1
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		1	0	0	NR	NR	1
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	2	NR	NR	NR	NR	NR	2
EMI	TP	3	NR	NR	NR	NR	NR	3
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP	1	NR	NR	NR	NR	NR	1
WDS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PROC	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **THERMAL ENERGY DEV. CORP, LTD**
14800 W SCHULTE RD
TRACY, CA 95377 | **EMI** | **S105940010**
N/A

Site 1 of 9 in cluster A

Actual: 127 ft.

EMI:

Year:	1996
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	144
NOX - Oxides of Nitrogen Tons/Yr:	75
SOX - Oxides of Sulphur Tons/Yr:	15
Particulate Matter Tons/Yr:	43
Part. Matter 10 Micrometers & Smllr Tons/Yr:	35

Year:	1997
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	144
NOX - Oxides of Nitrogen Tons/Yr:	75
SOX - Oxides of Sulphur Tons/Yr:	15
Particulate Matter Tons/Yr:	43
Part. Matter 10 Micrometers & Smllr Tons/Yr:	35

Year:	1998
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	168
NOX - Oxides of Nitrogen Tons/Yr:	87
SOX - Oxides of Sulphur Tons/Yr:	18
Particulate Matter Tons/Yr:	49
Part. Matter 10 Micrometers & Smllr Tons/Yr:	17

Year:	1999

THERMAL ENERGY DEV. CORP, LTD (Continued) **S105940010**

County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	179
NOX - Oxides of Nitrogen Tons/Yr:	92
SOX - Oxides of Sulphur Tons/Yr:	19
Particulate Matter Tons/Yr:	52
Part. Matter 10 Micrometers & Smllr Tons/Yr:	17

Year:	2000
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	189
NOX - Oxides of Nitrogen Tons/Yr:	98
SOX - Oxides of Sulphur Tons/Yr:	20
Particulate Matter Tons/Yr:	53
Part. Matter 10 Micrometers & Smllr Tons/Yr:	18

Year:	2001
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	B
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	210
NOX - Oxides of Nitrogen Tons/Yr:	108
SOX - Oxides of Sulphur Tons/Yr:	22
Particulate Matter Tons/Yr:	58
Part. Matter 10 Micrometers & Smllr Tons/Yr:	50

Year:	2004
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD

THERMAL ENERGY DEV. CORP, LTD (Continued) **S105940010**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.058208001
Reactive Organic Gases Tons/Yr:	0.465839885
Carbon Monoxide Emissions Tons/Yr:	234.840085
NOX - Oxides of Nitrogen Tons/Yr:	121.6809
SOX - Oxides of Sulphur Tons/Yr:	24.362106
Particulate Matter Tons/Yr:	64.7786076
Part. Matter 10 Micrometers & Smllr Tons/Yr:	55.37719971

Year:	2005
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	184.8372299981340766
NOX - Oxides of Nitrogen Tons/Yr:	95.467259992618118
SOX - Oxides of Sulphur Tons/Yr:	19.18368900000751018
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2006
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.5966391669095136290
Reactive Organic Gases Tons/Yr:	.26575982941347542
Carbon Monoxide Emissions Tons/Yr:	140.2750412644756324
NOX - Oxides of Nitrogen Tons/Yr:	108.1936237066579219
SOX - Oxides of Sulphur Tons/Yr:	10.79715250996449887
Particulate Matter Tons/Yr:	21.68871550469735757
Part. Matter 10 Micrometers & Smllr Tons/Yr:	21.32792802854161917

Year:	2007
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.785654178370045194
Reactive Organic Gases Tons/Yr:	.78684975236025181
Carbon Monoxide Emissions Tons/Yr:	69.63178802201651786
NOX - Oxides of Nitrogen Tons/Yr:	107.4263119663496361

THERMAL ENERGY DEV. CORP, LTD (Continued) **S105940010**

SOX - Oxides of Sulphur Tons/Yr:	15.20338999681124632
Particulate Matter Tons/Yr:	2.825438470935110942
Part. Matter 10 Micrometers & Smllr Tons/Yr:	2.57812587619862132

Year:	2008
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.314628328510431631
Reactive Organic Gases Tons/Yr:	.57901640010555088
Carbon Monoxide Emissions Tons/Yr:	95.34468260107383159
NOX - Oxides of Nitrogen Tons/Yr:	113.5845876021243634
SOX - Oxides of Sulphur Tons/Yr:	19.14139593000704794
Particulate Matter Tons/Yr:	3.061386150760343520
Part. Matter 10 Micrometers & Smllr Tons/Yr:	2.788695827557009657

A2 Target Property **THERMAL ENERGY DEVELOPMENT PARTNERSHIP, LP.** **EMI** **S113746475**
14800 W. SCHULTE RD. **N/A**
TRACY, CA 95377

Site 2 of 9 in cluster A

Actual: 127 ft.

EMI:

Year:	2009
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.3146283285104301
Reactive Organic Gases Tons/Yr:	0.57901640010555
Carbon Monoxide Emissions Tons/Yr:	95.344682601073799
NOX - Oxides of Nitrogen Tons/Yr:	112.900267600522
SOX - Oxides of Sulphur Tons/Yr:	19.141395930007
Particulate Matter Tons/Yr:	3.0613861507603399
Part. Matter 10 Micrometers & Smllr Tons/Yr:	2.788695827557

Year:	2010
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.3146627590444599
Reactive Organic Gases Tons/Yr:	0.57902949999999997
Carbon Monoxide Emissions Tons/Yr:	95.344652001
NOX - Oxides of Nitrogen Tons/Yr:	112.90022500000001

THERMAL ENERGY DEVELOPMENT PARTNERSHIP, LP. (Continued) **S113746475**

SOX - Oxides of Sulphur Tons/Yr:	19.141393140000002
Particulate Matter Tons/Yr:	3.06133690463481
Part. Matter 10 Micrometers & Smllr Tons/Yr:	2.7886504620000001

A3 Target Property **TRACY OPERATORS** **EMI** **S105940079**
14800 W. SCHULTE ROAD **N/A**
TRACY, CA 95376

Site 3 of 9 in cluster A

Actual: 127 ft.

EMI:

Year:	1990
County Code:	39
Air Basin:	SJV
Facility ID:	250
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	24
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	111
NOX - Oxides of Nitrogen Tons/Yr:	55
SOX - Oxides of Sulphur Tons/Yr:	29
Particulate Matter Tons/Yr:	24
Part. Matter 10 Micrometers & Smllr Tons/Yr:	20

Year:	1995
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	136
NOX - Oxides of Nitrogen Tons/Yr:	71
SOX - Oxides of Sulphur Tons/Yr:	14
Particulate Matter Tons/Yr:	40
Part. Matter 10 Micrometers & Smllr Tons/Yr:	32

Year:	2008
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

TRACY OPERATORS (Continued) **S105940079**

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2009
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2010
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

A4 Target Property **TRACY BIOMASS PLANT** **FINDS** **1016176194**
14800 WEST SCHULTE ROAD **N/A**
TRACY, CA

Site 4 of 9 in cluster A

Actual: 127 ft.

FINDS:

Registry ID: 110000511893

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major

TRACY BIOMASS PLANT (Continued) **1016176194**

redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US Emissions & Generation Resource Database (EGRID) contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States.

ELECTRIC GENERATOR

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

A5 Target Property | **TRACY BIOMASS PLANT**
14800 W. SCHULTE ROAD
TRACY, CA 95376 | **RMP** | **1011839857**
N/A

Site 5 of 9 in cluster A

Actual: 127 ft.

Risk Management Plan (RMP) Facility Details:

Facility ID:	3887
LEPC city:	None
Facility decimal latitude:	37.721667
Facility decimal longitude:	-121.491111
Is facility in county box:	T
LatLong method:	I1
LatLong description:	PG
Home page web address:	Not reported
Facility telephone:	Not reported
Facility email:	tracy_operators@sprynet.com
Facility DUNS #:	605609940
Parent's name:	TRACY OPERATORS
Partner's name:	Not reported
Parent's DUNS #:	605609940
Partner's DUNS #:	0
Operator's name:	TRACY OPERATORS
Operator's telephone:	2098356914
Operator's address:	P.O. BOX 1209
Operators City,St,Zip:	TRACY, CA 95378 1209
RMP implementation contact:	BRIAN PILLITTERE
RMP contact title:	PLANT OPERATIONS SUPERINTENDENT
Emergency contact:	BRIAN PILLITTERE
Emergency contact title:	PLANT OPERATIONS SUPERINTENDENT
Emergency contact telephone:	2098356914
24 hour emergency telephone:	2098356914
Emergency contact ext/pin #:	Not reported
Number of full time employees:	22
EPA ID:	CAL000042561
Facility ID provided by CEPPO:	100000048833
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	T
Clean air op. permit/State ID:	Not issued yet.
Last safety insp. dat:	1998-12-16 00:00:00
Inspected by:	State environmental agency

TRACY BIOMASS PLANT (Continued) **1011839857**

Is it OSHA approved with star/merit ranking: False
Will RMP involve predictive filing: False
Submission type: First Time
RMP description: Not reported
Facility has no accident hist. recs: True
Foreign owner's address: Not reported
Foreign owner's zip: Not reported
Foreign owner's country: Not reported
Claim # of employees as CBI: False
Date RMP accepted by EPA: 1999-06-23 00:00:00
Date of error Report: Not reported
Date RMP received: 1999-06-17 00:00:00
Does RMP contain graphics files: False
Does RMP contain attachments: False
Was certification letter received: True
RMP submission method: RMP*Submit
Does RMP contain CBI substantiation: False
Does RMP contain electronic waiver: False
Date RMP postmarked: 1999-06-15 00:00:00
Is RMP complete: True
Date of de-registration: 2003-05-20 00:00:00
Date de-registration is effective: 2003-04-25 00:00:00
Aniversary date: 2004-06-15 00:00:00
Does RMP contain CBI data: False
Does RMP contain unsanitized CBI version: False
RMP version #: 1.1.5
FRS latitude: 37.721800000000002
FRS longitude: -121.50579999999999
FRS Description: PLANT ENTRANCE (GENERAL)
FRS Method: ADDRESS MATCHING-HOUSE NUMBER

Process Details:
Process ID: 4503
NA & Industry Classification Sys.code(s): 221119
NAICS code description: Other Electric Power Generation
Optional facility description: Not reported
Program level: 3
Record contains CBI data: False

Process chemical(s):
Chemical name: Public OCA Chemical
Process chemical qty in 100s lbs: 0
Process flammable chemical name: Not reported

Process Toxic Alt. Releases:
Percent weight of chemical: Not reported
Physical state: a
Analytical basic: EPA's RMP*Comp(TM)
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: 3
Stability class: D
Topography: b
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported

TRACY BIOMASS PLANT (Continued) **1011839857**

Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Not reported

Process Toxics Worst Case:
Percent weight of chemical: Not reported
Physical state: a
Analytical basic: EPA's RMP*Comp(TM)
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: 10
Release rate in pounds per second: Not reported
Wind speed in meters/second: 1.5
Stability class: F
Topography: b
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported

Process Flammables Alt. Releases:
Endpoint used: Not reported
LFL value: Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Not reported

Process Flammables Worst Case:
Analytical basic: Not reported
Quantity released in pounds: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Safety review date: Not reported
Most recent PHA date: Not reported
Process Hazard Analysis: Not reported
Expected PHA changes completion date: Not reported
Major Hazard: Not reported
Process Control: Not reported
Mitigation Systems: Not reported
Monitoring/Detection: Not reported
Changes since the last process hazard analysis: Not reported
Most recent review of op. procedures: Not reported
Most recent training progs review/update: Not reported
Training: Not reported
Competency testing: Not reported
Most recent maintenance review date: Not reported
Most recent equipment inspection date: Not reported
Equipment tested: Not reported
Most recent changes by mgmt: Not reported

TRACY BIOMASS PLANT (Continued) **1011839857**

Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Ammonia (anhydrous)
Process chemical qty in 100s lbs:	60000
Process flammable chemical name:	Not reported

Process Toxic Alt. Releases:

Percent weight of chemical:	Not reported
Physical state:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	Not reported
Stability class:	Not reported
Topography:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported

Process Toxics Worst Case:

Percent weight of chemical:	Not reported

TRACY BIOMASS PLANT (Continued) **1011839857**

Physical state: Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: Not reported
Stability class: Not reported
Topography: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported

Process Flammables Alt. Releases:
Endpoint used: Not reported
LFL value: Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Not reported

Process Flammables Worst Case:
Analytical basic: Not reported
Quantity released in pounds: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Safety review date: Not reported
Most recent PHA date: Not reported
Process Hazard Analysis: Not reported
Expected PHA changes completion date: Not reported
Major Hazard: Not reported
Process Control: Not reported
Mitigation Systems: Not reported
Monitoring/Detection: Not reported
Changes since the last process hazard analysis: Not reported
Most recent review of op. procedures: Not reported
Most recent training progs review/update: Not reported
Training: Not reported
Competency testing: Not reported
Most recent maintenance review date: Not reported
Most recent equipment inspection date: Not reported
Equipment tested: Not reported
Most recent changes by mgmt: Not reported
Date of most recent review/update: Not reported
Date of pre-start review: Not reported
Most recent compliance audit date: Not reported
Expected date of audit completion: Not reported
Most recent incident investigation: Not reported

TRACY BIOMASS PLANT (Continued) **1011839857**

Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported

Emergency Response Details:

ER plan:	Not reported
ER plan most recent review date:	1999-01-07 00:00:00
ER plan most recent employee training date:	1999-01-22 00:00:00
Local agency coordinating ER plan:	TRACY FIRE DISTRICT
Telephone of the coordinating local agency:	2098351883
Federal regulation:	True
OSHA 1910 120:	True
SPCC:	True
RCRA:	True
OPA 90:	False
EPCRA:	True
Other Regulations:	Not reported

A6 Target Property **TRACY OPERATORS** **FINDS** **1014675925**
14800 W. SCHULTE ROAD **N/A**
TRACY, CA

Site 6 of 9 in cluster A

Actual: 127 ft.

FINDS:

Registry ID: 110041059449

Environmental Interest/Information System
CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

A7 Target Property | **TRACY BIOMASS**
14800 SCHULTE AVE
TRACY, CA 95378 | **HAZNET** | **S113038656**
N/A

Site 7 of 9 in cluster A

Actual: 127 ft.

HAZNET:

Year:	2006
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	CAD980884183
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Facility County:	San Joaquin

Year:	2006
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	CAD980884183
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Facility County:	San Joaquin

Year:	2006
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	CAD980884183
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01
Facility County:	San Joaquin

Year:	2006
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914

TRACY BIOMASS (Continued) **S113038656**

Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	CAD980884183
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01
Facility County:	San Joaquin

Year:	2003
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	WIR000029751
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.1
Facility County:	San Joaquin

Click this hyperlink while viewing on your computer to access
23 additional CA_HAZNET: record(s) in the EDR Site Report.

A8 Target Property **THERMAL ENERGY DEVELOPMENT CORP** **US AIRS** **1004441250**
14800 W SCHULTE RD **N/A**
TRACY, CA 95378

Site 8 of 9 in cluster A

Actual: 127 ft.

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID:	110041890255
Plant name:	THERMAL ENERGY DEVELOPMENT CORP
Plant address:	14800 W SCHULTE RD TRACY, CA 95378
County:	SAN JOAQUIN
Region code:	09
Dunn & Bradst #:	Not reported
Air quality cntrl region:	031
Sic code:	4911
Sic code desc:	ELECTRIC SERVICES
North Am. industrial classf:	221122
NAIC code description:	Electric Power Distribution
Default compliance status:	IN VIOLATION - NO SCHEDULE
Default classification:	ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000215
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000215
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010531
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010531
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	011231
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	011231
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	020404
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020404
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	020617
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030116
Penalty amount:	000002400
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	030210
Penalty amount:	Not reported
Air program:	TITLE V PERMITS

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 030331
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 030407
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 030407
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 030407
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 030407
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 030529
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 030529
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030804
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030804
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 030804
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 030804
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 031021

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Penalty amount: 000001200

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 031103
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 040212
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 040212
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 040309
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 040309
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 040320
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 040320
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 040320
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 040320
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 040331
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 040510
Penalty amount: 000004800

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 040521
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 040615
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 040615
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 040615
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 040615
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 040621
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 040621
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 040621
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 040621
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 040630
Penalty amount: 000001200

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 040630
Penalty amount: 000001200

Air program: TITLE V PERMITS
National action type: SV RESOLVED

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 040719
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: SV RESOLVED
Date achieved: 040719
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 040721
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 040721
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 040721
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 040721
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 040914
Penalty amount: 000004800

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 040914
Penalty amount: 000004800

Air program: SIP SOURCE
National action type: SV RESOLVED
Date achieved: 040930
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 040930
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 041016
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 041016
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 041016
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 041016
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved: 041020
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 050316
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 050316
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 050316
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 050316
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 050316
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 050316
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 050317
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 050317
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 050317
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 050406
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE INVESTIGATION CONDUCTED
Date achieved: 050406
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE INVESTIGATION CONDUCTED
Date achieved: 050406
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 050419
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 050419
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 050512
Penalty amount: 000002400

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 050512
Penalty amount: 000002400

Air program: SIP SOURCE
National action type: SV RESOLVED
Date achieved: 050601
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 050601
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 050822
Penalty amount: 000001200

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 050822
Penalty amount: 000001200

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 050901
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: SV RESOLVED
Date achieved: 050901
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 051011
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 051011
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060109
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060109
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 060127
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060301
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060301
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 060306
Penalty amount: 000011137

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 060306
Penalty amount: 000011137

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 060313
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060313
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 060313
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 060321
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: SV RESOLVED
Date achieved: 060321
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060828
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060828
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060920
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060920
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 060925
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE INVESTIGATION CONDUCTED
Date achieved: 061101
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE INVESTIGATION CONDUCTED
Date achieved: 061101
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 061213
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 061213
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 061218
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 061218
Penalty amount: 000016879

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 061230
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 070110
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070118
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070118
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 070118
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070124
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070124
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 070130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070321
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070321
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 070323
Penalty amount: 000000600

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 070404
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070404
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070404
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 070419
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 070419
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070518
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070518
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070904
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 070904
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070904
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 071016
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 071016
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 071227
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 071227
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080124
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080124
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080129
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 080129
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 080219
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / OFF-SITE
Date achieved: 080320
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080320
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080320
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 080330
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080331
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080331
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080401
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080401
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 080408
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 080408
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080417
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080417
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080502
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 080502
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080502
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 080515
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080515
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080515
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 080520
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080603
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080603
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 080710
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080710
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080710
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080715
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080715
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 080716
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 080827
Penalty amount: 000000900

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 080827
Penalty amount: 000001350

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080923
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080923
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080929
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080929
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 081027
Penalty amount: 000006600

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 081027
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081106
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 081106
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081106
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081209
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081209
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081210
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081210
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081223
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081223
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 081226
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090105
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090105
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 090129
Penalty amount: 000000900

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090206
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090206
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 090217
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 090219
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090219
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090219
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090305
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090305
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 090310
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 090310
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090311
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090311
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090721
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090721
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / OFF-SITE
Date achieved: 090721
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090723
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090723
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090812
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090812
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 090922
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090922
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091006
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091006
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091030
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091030
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091118
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091118
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091123
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091123
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091125
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091125
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091214
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091214
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091215
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091215
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091230
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091230
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100104
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100104
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100107
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100107
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100108
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 100108
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100126
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100126
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100127
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100127
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 100130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 100130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100203
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100203
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100208
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100208
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100209
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100209
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 100209
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100210
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100210
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100211
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100211
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100212
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100212
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100216
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 100216
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100217
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100217
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100218
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100218
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100222
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100222
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100225
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100225
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 100308
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100308
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100308
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 100308
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100309
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100309
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100317
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100319
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100319
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100322
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100322
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100323
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100324
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100328
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 100331
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100331
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100420
Penalty amount: Not reported

Air program: NSR
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 100421
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 100421
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 100421
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100429
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100430
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100526
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100603
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100616
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100625
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100625
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100701
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100716
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100717
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100719
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100804
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100811
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 100811
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100811
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100818
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100818
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 100818
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100818
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100901
Penalty amount: 000001400

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100901
Penalty amount: 000002700

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100901
Penalty amount: 000005500

Air program: NSR
National action type: EPA CONDUCTED PCE/ OFF-SITE
Date achieved: 100917
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA CONDUCTED PCE/ OFF-SITE
Date achieved: 100917
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: EPA CONDUCTED PCE/ OFF-SITE
Date achieved: 100917
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100928
Penalty amount: 000002100

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100928
Penalty amount: 000005500

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100928
Penalty amount: 000001400

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 101013
Penalty amount: 000001400

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 101013
Penalty amount: 000008000

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 101027
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 101027
Penalty amount: Not reported

Air program: NSR
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 101027
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 101130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 101130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 110128
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 110128
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 110210
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110213
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110213
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 110721
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 110721
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 110830
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110830
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110830
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 110830
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110901
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110901
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 110902
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110908
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110908
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111011
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: NSR
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 111011
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111011
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 111011
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 111011
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111014
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111014
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111020
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111020
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 111027
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 111027
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111027
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 111027
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111028
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111028
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA CONDUCTED PCE/ OFF-SITE
Date achieved: 111031
Penalty amount: Not reported

Air program: NSR
National action type: EPA CONDUCTED PCE/ OFF-SITE
Date achieved: 111031
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: EPA CONDUCTED PCE/ OFF-SITE
Date achieved: 111031
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111117
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111117
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 111209
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 120130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 120130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 120213
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 120320
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 120320
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 120322
Penalty amount: 000001860

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 120423
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120509
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 120509
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120509
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120510
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120510
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 120515
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120529
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 120529
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120604
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120604
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120702
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120702
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 120709
Penalty amount: 000000930

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120709
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 120709
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120709
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120716
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120716
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120718
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120718
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120724
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120724
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 120726
Penalty amount: 000002640

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 120809
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120816
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120816
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120823
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120823
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120827
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120827
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 120829
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120829
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120830
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120830
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 120919
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121023
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121023
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 121023
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121025
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121025
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121113
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121113
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121115
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 121115
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121115
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA CONDUCTED PCE/ OFF-SITE
Date achieved: 121120
Penalty amount: Not reported

Air program: NSPS
National action type: EPA CONDUCTED PCE/ OFF-SITE
Date achieved: 121120
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: FEDERAL DAY ZERO
Date achieved: 121121
Penalty amount: Not reported

Air program: NSPS
National action type: EPA NOV ISSUED
Date achieved: 121121
Penalty amount: Not reported

Air program: NSPS
National action type: FEDERAL DAY ZERO
Date achieved: 121121
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA NOV ISSUED
Date achieved: 121121
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121127
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121127
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 121211
Penalty amount: 000001250

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121212
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121212
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121213
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121213
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121224
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121224
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121227
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121227
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130102
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130102
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 130129
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 130130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 130130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: 113D APO PENALTY COLLECTED
Date achieved: 130221
Penalty amount: 000145000

Air program: SIP SOURCE
National action type: COMPL BY EPA, NO ACT REQ
Date achieved: 130221
Penalty amount: 000145000

Air program: SIP SOURCE
National action type: 113 APO COMPLAINT FILED
Date achieved: 130221
Penalty amount: 000145000

Air program: NSPS
National action type: 113D APO PENALTY COLLECTED
Date achieved: 130221
Penalty amount: 000145000

Air program: NSPS
National action type: COMPL BY EPA, NO ACT REQ
Date achieved: 130221
Penalty amount: 000145000

Air program: NSPS
National action type: 113 APO COMPLAINT FILED
Date achieved: 130221
Penalty amount: 000145000

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 130418
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 130418
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130604
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130604
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 130604
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130610
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130610
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130611
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130611
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130617
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130617
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130620
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130620
Penalty amount: Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130701
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130701
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130715
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130715
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130717
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130717
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130826
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130826
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130913
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130913
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 970319
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Date achieved: 970319
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 971014
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 971014
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 971015
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 980225
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 980225
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 980501
Penalty amount: 000000250

Air program: SIP SOURCE
National action type: SV RESOLVED
Date achieved: 980602
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 990120
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 990120
Penalty amount: 000000000

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: NSR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Hist compliance date: 1201
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: TITLE V PERMITS

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1204
Air prog code hist file: NSPS

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1301
Air prog code hist file: NSPS

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1302
Air prog code hist file: NSPS

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1303
Air prog code hist file: NSPS

Permit Information:
Compliance plant ID: N1026
Permit number: N-1026
Permit category: V
Permit category desc: TITLE V PERMIT - PLANT SP

Permit Source:
Compliance plant ID: N1026
Plant name: THERMAL ENERGY DEVELOPMENT CORP
Plant address: 14800 W SCHULTE RD
TRACY, CA 95378

Event Information:
Compliance permit ID: N1026
Permit number: N-1026
Event action type: IF
Event description: *PERMIT AUTHORITY ISSUES FINAL PERMIT
Event action #: 001

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Event date: 20011231

A9 Target Property **THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA** **HAZNET** **S113146527**
14800 W SCHULTE RD **N/A**
TRACY, CA 95377

Site 9 of 9 in cluster A

Actual: 127 ft.

HAZNET:

Year:	2012
Gepaid:	CAL000316973
Contact:	JOGINDER S. KHALSA/PLANT ENGR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD980675276
TSD County:	Kern
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	15.1704
Facility County:	San Joaquin

Year:	2012
Gepaid:	CAL000316973
Contact:	JOGINDER S. KHALSA/PLANT ENGR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	ARD069748192
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.2825
Facility County:	San Joaquin

Year:	2012
Gepaid:	CAL000316973
Contact:	JOGINDER S. KHALSA/PLANT ENGR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.875
Facility County:	San Joaquin

Year: 2012

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA (Continued) **S113146527**

Gepaid:	CAL000316973
Contact:	JOGINDER S. KHALSA/PLANT ENGR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD980675276
TSD County:	Kern
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	768.6336
Facility County:	San Joaquin

Year:	2012
Gepaid:	CAL000316973
Contact:	JOGINDER S. KHALSA/PLANT ENGR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2525
Facility County:	San Joaquin

Click this hyperlink while viewing on your computer to access
21 additional CA_HAZNET: record(s) in the EDR Site Report.

B10 **OWENS BROCKWAY** **UST** **U004024498**
14700 W SCHULTE RD **N/A**
< 1/8 **TRACY, CA 95377**
1 ft.

Site 1 of 4 in cluster B

Relative:
Higher

Actual:
129 ft.

UST SAN JOAQUIN:

Region:	SJ
Facility Id:	FA0006674
Mail Address:	14700 W SCHULTE RD
Mail Care of:	Not reported
Mail City,St,Zip:	TRACY, CA 95377

Tank Rec ID:	TA0503941
Tank Number:	1
Tank Status:	CLOSED
Tank Capacity:	27300
Product Code/Type:	1A/REGULAR UNLEADED
Program Element:	2380

Tank Rec ID:	TA0503942
Tank Number:	2
Tank Status:	CLOSED

OWENS BROCKWAY (Continued) **U004024498**

Tank Capacity: 42000
Product Code/Type: 1A/REGULAR UNLEADED
Program Element: 2380

Tank Rec ID: TA0503943
Tank Number: 3
Tank Status: CLOSED
Tank Capacity: 1460
Product Code/Type: 1A/REGULAR UNLEADED
Program Element: 2380

Tank Rec ID: TA0503944
Tank Number: 4
Tank Status: CLOSED
Tank Capacity: 450
Product Code/Type: 1A/REGULAR UNLEADED
Program Element: 2380

B11 **OWENS-BROCKWAY GLASS CONTAINER FACILITY**** **SLIC** **S106230473**
14700 SHULTE RD W **N/A**
< 1/8 **TRACY, CA**
1 ft.

Site 2 of 4 in cluster B

Relative: Higher

Actual: 129 ft.

SLIC REG 5:
Region: 5
Facility Status: Preliminary Assessment
Unit: Facility is a Spill or site
Pollutant: TPH
Lead Agency: Not reported
Date Filed: 10/04/02
Report Date: / /
Date Added: Not reported
Date Closed: Not reported

B12 **OWENS BROCKWAY GLASS** **RCRA-LQG** **1000319784**
14700 W SCHULTE RD **TRIS** **95376WNSLL14700**
< 1/8 **TRACY, CA 95376** **HIST CORTESE**
1 ft. **LUST**
SLIC
Site 3 of 4 in cluster B **HIST UST**
ENF
Relative: Higher **WDS**
US AIRS

Actual: 129 ft.

RCRA-LQG:
Date form received by agency: 03/05/2012
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Facility address: 14700 WEST SCHULTE RD
TRACY, CA 953778628
EPA ID: CAD009146929
Mailing address: WEST SCHULTE RD
TRACY, CA 953778628
Contact: LISA MENDOZA

OWENS BROCKWAY GLASS (Continued) **1000319784**

Contact address: WEST SCHULTE RD
TRACY, CA 95377
Contact country: US
Contact telephone: (209) 836-8269
Contact email: LISA.MENDOZA@O-I.COM
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: OWENS - BROCKWAY GLASS CONTAINER INC
Owner/operator address: WEST SCHULTE RD
TRACY, CA 95377
Owner/operator country: Not reported
Owner/operator telephone: (209) 836-8200
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/15/1961
Owner/Op end date: Not reported

Owner/operator name: OWENS BROCKWAY GLASS CONTAINERS
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/15/1961
Owner/Op end date: Not reported

Owner/operator name: OWENS-ILLINOIS GLASS CONTAINERS
Owner/operator address: ONE SEAGATE PLAZA
TOLEDO, OH 43666
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/15/1961
Owner/Op end date: Not reported

Owner/operator name: OWENS BROCKWAY GLASS CONTAI
Owner/operator address: 1 SEGATE
TOLEDO, OH 43666
Owner/operator country: Not reported
Owner/operator telephone: (419) 247-5000

OWENS BROCKWAY GLASS (Continued) **1000319784**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OWENS - BROCKWAY GLASS CONTAINER INC
Owner/operator address: MICHAEL OWENS WAY
PERRYSBURG, OH 43551
Owner/operator country: Not reported
Owner/operator telephone: (567) 336-5000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/15/1961
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/15/2010
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWENS-BROCKWAY GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 02/29/2008
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWENS-BROCKWAY GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 02/27/2006
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWNS-BROCKWAY GLASS CONTAINER
Classification: Small Quantity Generator

Date form received by agency: 02/27/2006
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWNS-BROCKWAY GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 02/25/2004
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWENS-BROCKWAY GLASS CONTAINERS INC

OWENS BROCKWAY GLASS (Continued) **1000319784**

Classification: Large Quantity Generator

Date form received by agency: 02/14/2002
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWENS-BROCKWAY GLASS CONTAINER INC
Classification: Large Quantity Generator

Date form received by agency: 02/11/1998
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 03/30/1996
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 03/15/1994
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWENS ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 02/18/1992
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 04/12/1990
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWENS-ILLINOIS GLASS CONTAINER INC
Classification: Large Quantity Generator

Date form received by agency: 08/15/1980
Facility name: OWENS - BROCKWAY GLASS CONTAINER INC
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS

OWENS BROCKWAY GLASS (Continued) **1000319784**

USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D010
Waste name: SELENIUM

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

OWENS BROCKWAY GLASS (Continued) **1000319784**

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 5359.6

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 23759.7

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 471140

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 471140

Waste code: D008
Waste name: LEAD
Amount (Lbs): 471140

Waste code: D010
Waste name: SELENIUM
Amount (Lbs): 467040

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 884.5

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED

OWENS BROCKWAY GLASS (Continued) **1000319784**

SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 650

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 884.5

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/08/2004
Date achieved compliance: 02/05/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/08/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1600

OWENS BROCKWAY GLASS (Continued) **1000319784**

Final penalty amount: 1600
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1600
Final penalty amount: 1600
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1600
Final penalty amount: 1600
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 01/08/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/05/2004
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/18/1993
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/20/1993
Evaluation lead agency: State

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/20/1993
Evaluation lead agency: State

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/20/1993
Evaluation lead agency: State

TRIS:

Click this hyperlink while viewing on your computer to access
1 additional US_TRIS: record(s) in the EDR Site Report.

HIST CORTESE:

Region: CORTESE
Facility County Code: 39
Reg By: LTNKA
Reg Id: 390822

LUST:

Region: STATE
Global Id: T0607700651
Latitude: 37.7200741
Longitude: -121.4786183
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/17/2002
Lead Agency: SAN JOAQUIN COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 390822
LOC Case Number: 0000849

OWENS BROCKWAY GLASS (Continued) **1000319784**

File Location: Not reported
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0607700651
Contact Type: Regional Board Caseworker
Contact Name: JAMES BARTON
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: jbarton@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0607700651
Status: Open - Case Begin Date
Status Date: 05/07/1986

Global Id: T0607700651
Status: Completed - Case Closed
Status Date: 06/17/2002

Regulatory Activities:
Global Id: T0607700651
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0607700651
Action Type: ENFORCEMENT
Date: 06/03/2002
Action: Closure/No Further Action Letter

Global Id: T0607700651
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

LUST REG 5:
Region: 5
Status: Case Closed
Case Number: 390822
Case Type: Undefined
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local
Program: LUST
MTBE Code: N/A

SLIC:
Region: STATE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Facility Status:	**Open - Inactive**
Status Date:	10/05/2002
Global Id:	SL0607719504
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	Not reported
Latitude:	37.721622
Longitude:	-121.48892
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Region:	STATE
Facility ID:	00000002264
Facility Type:	Other
Other Type:	GLASS MANUFACTURING
Total Tanks:	0003
Contact Name:	ERNEST F. VALIS
Telephone:	2098355701
Owner Name:	OI GLASS CONTAINER STS INC
Owner Address:	14700 W. SCHULTE ROAD
Owner City,St,Zip:	TRACY, CA 95376

Tank Num:	001
Container Num:	2
Year Installed:	1977
Tank Capacity:	00042000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	6 inches
Leak Detection:	Visual

Tank Num:	002
Container Num:	1
Year Installed:	1960
Tank Capacity:	00027300
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	6 inches
Leak Detection:	Visual

Tank Num:	003
Container Num:	3
Year Installed:	1977
Tank Capacity:	00003150
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	6 inches
Leak Detection:	Visual

OWENS BROCKWAY GLASS (Continued) **1000319784**

ENF:

Region:	5S
Facility Id:	246365
Agency Name:	Owens-Brockway
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.7209
Place Longitude:	-121.49205
SIC Code 1:	3221
SIC Desc 1:	Glass Containers
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.038
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDR
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	5B392023001
Reg Measure Id:	147727
Reg Measure Type:	WDR
Region:	5S
Order #:	5-00-056
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	08/19/2010
Effective Date:	03/17/2000
Expiration/Review Date:	03/17/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	380498
Region:	5S
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	06/15/2011
Adoption/Issuance Date:	06/15/2011
Achieve Date:	Not reported
Termination Date:	06/15/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 06/15/2011 for Owens-Brockway
Description:	During recent inspection staff instructed that Owens Brockway staff samples process wastewater for specific conductivity prior to discharging the water into the wastewater ponds. In addition to that, only one of two nested wells has been sampled on a quarterly basis which is in violation of MRP
Program:	WDR
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Region:	5S
Facility Id:	246365
Agency Name:	Owens-Brockway
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.7209
Place Longitude:	-121.49205
SIC Code 1:	3221
SIC Desc 1:	Glass Containers
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.038
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDR
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	5B392023001
Reg Measure Id:	147727
Reg Measure Type:	WDR
Region:	5S
Order #:	5-00-056
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	08/19/2010
Effective Date:	03/17/2000
Expiration/Review Date:	03/17/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	331171
Region:	5S
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	08/23/2007
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/23/2007
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 08/23/2007 for Owens-Brockway, Owens-Illinois Glass Furnace
Description:	NOV sent for late monitoring reports, failure to submit some wastewater monitoring data for domestic and process wastewater, and violations of E.C. and GW limits.

OWENS BROCKWAY GLASS (Continued) **1000319784**

Program:	WDR
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Region:	5S
Facility Id:	246365
Agency Name:	Owens-Brockway
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.7209
Place Longitude:	-121.49205
SIC Code 1:	3221
SIC Desc 1:	Glass Containers
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.038
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDR
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	5B392023001
Reg Measure Id:	147727
Reg Measure Type:	WDR
Region:	5S
Order #:	5-00-056
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	08/19/2010
Effective Date:	03/17/2000
Expiration/Review Date:	03/17/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	242114
Region:	5S
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	08/19/2003
Adoption/Issuance Date:	08/19/2003
Achieve Date:	Not reported
Termination Date:	08/19/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 07/03/2001 for OWENS-BROCKWAY, OWENS-ILLINOIS GLASS FURNACE
Description:	NOV issued for low freeboard readings and high SC readings.
Program:	WDR
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CA WDS:

Facility ID:	Sacramento-San Joaquin Delta 392023001
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	0
Facility Telephone:	2098355701
Facility Contact:	JIM HAMRICK
Agency Name:	OWENS-BROCKWAY
Agency Address:	6150 STONERIDGE MALL STE.375

OWENS BROCKWAY GLASS (Continued) **1000319784**

Agency City,St,Zip:	PLEASANTON 94588
Agency Contact:	ROBERT NEAL
Agency Telephone:	4154637950
Agency Type:	Private
SIC Code:	3221
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID:	110002798768
Plant name:	OWENS BROCKWAY GLASS
Plant address:	14700 W SCHULTE RD TRACY, CA 95376
County:	SAN JOAQUIN
Region code:	09
Dunn & Bradst #:	009146929
Air quality cntrl region:	031
Sic code:	3221
Sic code desc:	GLASS CONTAINERS
North Am. industrial classf:	327213
NAIC code description:	Glass Container Manufacturing
Default compliance status:	IN COMPLIANCE - INSPECTION
Default classification:	ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000308

OWENS BROCKWAY GLASS (Continued) **1000319784**

Penalty amount: 000000000

Air program: NSR
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 000308
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 000308
Penalty amount: 000000000

Air program: PSD
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 000308
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 000906
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 000913
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 000913
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 001121
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 001121
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 010130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved: 010404
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 010630
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 010630
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved: 010716
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 010727
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 010727
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 010816
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 010816
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 010905
Penalty amount: 000000000

Air program: NSR
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 010905
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 010905
Penalty amount: 000000000

Air program: PSD
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 010905
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 010911
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 010911
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 010923
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 010923
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 011004
Penalty amount: 000006000

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved: 011206
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 020221
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 020408
Penalty amount: 000006000

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 020408
Penalty amount: 000001500

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 020410
Penalty amount: 000006000

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 020411
Penalty amount: 000001500

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 020510
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 020722
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 020816
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 020816
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 021121
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 021121
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 021121
Penalty amount: Not reported

Air program: NSR
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 021121
Penalty amount: Not reported

Air program: PSD
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 021121
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 021208
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 021208
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 021218
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 021218
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 030116
Penalty amount: 000002250

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 030116
Penalty amount: 000000300

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 030128
Penalty amount: 000002684

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 030211
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 030218
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 030314
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 030519
Penalty amount: 000002250

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 030520
Penalty amount: 000002250

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 030626
Penalty amount: Not reported

Air program: PSD
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 030626
Penalty amount: Not reported

Air program: NSR
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 030626
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 030626
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 030703
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 030922
Penalty amount: Not reported

Air program: NSR
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 031002
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 031002
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 031002
Penalty amount: Not reported

Air program: PSD
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 031002
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 031003
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 031003
Penalty amount: Not reported

Air program: NSR
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 031003
Penalty amount: Not reported

Air program: NSR
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 031003
Penalty amount: Not reported

Air program: PSD
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 031003
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 031003
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 031003
Penalty amount: Not reported

Air program: PSD
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 031003
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 040706
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 040706
Penalty amount: Not reported

Air program: NSR
National action type: STATE DAY 0
Date achieved: 040706
Penalty amount: Not reported

Air program: PSD
National action type: STATE DAY 0
Date achieved: 040706
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 040706
Penalty amount: Not reported

Air program: NSR
National action type: NXXXXX
Date achieved: 040706
Penalty amount: Not reported

Air program: PSD
National action type: NXXXXX
Date achieved: 040706
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 040706
Penalty amount: Not reported

Air program: NSR
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 040811
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: PSD
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 040811
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 040811
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 040811
Penalty amount: Not reported

Air program: PSD
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 040908
Penalty amount: Not reported

Air program: NSR
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 040908
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 040908
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 040908
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 050216
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 050512
Penalty amount: 000006000

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 050512
Penalty amount: 000006000

Air program: NSR
National action type: NXXXXX
Date achieved: 050512
Penalty amount: 000006000

Air program: PSD
National action type: NXXXXX

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 050512
Penalty amount: 000006000

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 050607
Penalty amount: Not reported

Air program: NSR
National action type: SV RESOLVED
Date achieved: 050607
Penalty amount: Not reported

Air program: PSD
National action type: SV RESOLVED
Date achieved: 050607
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: SV RESOLVED
Date achieved: 050607
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 050812
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 050817
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 050817
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: EPA CONDUCTED FCE / ON-SITE
Date achieved: 050830
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA CONDUCTED FCE / ON-SITE
Date achieved: 050830
Penalty amount: Not reported

Air program: CFC TRACKING
National action type: EPA CONDUCTED FCE / ON-SITE
Date achieved: 050830
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 050830
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 050830
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE INVESTIGATION CONDUCTED
Date achieved: 050928
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE INVESTIGATION CONDUCTED
Date achieved: 050928
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 051128
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 051128
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 051229
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 051229
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060112
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060112
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060406
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060406
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 060628
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060628
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 060817
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060824
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060824
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE INVESTIGATION CONDUCTED
Date achieved: 060906
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE INVESTIGATION CONDUCTED
Date achieved: 060906
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 070425
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 070425
Penalty amount: Not reported

Air program: NSR
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 070619
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070619
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 070619
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: PSD
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 070619
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070619
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070816
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070816
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070820
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070820
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070821
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 070821
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070821
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 070821
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070822
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 070822
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 071001
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 071001
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 071016
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 071016
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 071127
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 071127
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080331
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080331
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080408
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080408
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080611
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080611
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080617
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080617
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080618
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080618
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 080620
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 080811
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080814
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080814
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 080819
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080821
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / OFF-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 080821
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080821
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 080916
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 080916
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080923
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080923
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081002
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081002
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081028
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081028
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081105
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081105
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081113
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081113
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081209
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081209
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 081215
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081230
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 081230
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090105
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090105
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 090108
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 090108
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 090122
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090122
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090318
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090318
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 090323
Penalty amount: 000001275

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 090402
Penalty amount: 000025290

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 090521
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 090626
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090722
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090722
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 090723
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090723
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090723
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090730
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / OFF-SITE
Date achieved: 090730
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090730
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 090803
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090803
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090803
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090804
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090804
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090806
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090806
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 090807
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090807
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090811
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090811
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090812
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090812
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090817
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090817
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 090820
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090827
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090827
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090904
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090904
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090915
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090915
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090917
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090917
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 090918
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 090918
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090921
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090921
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 090924
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 090924
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 090924
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 091105
Penalty amount: 000020250

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 091105
Penalty amount: 000009000

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091125
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091125
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 091214
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 091217
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091223
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091223
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091224
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 091224
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100104
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100104
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100105
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100105
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100106
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100106
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100112
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100112
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100113
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100113
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100114
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100114
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 100119
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100119
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100121
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100121
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100122
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100122
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100122
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100122
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100125
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100125
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100127
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100127
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100128
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100128
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100211
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100211
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100216
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100216
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100302
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100302
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100305
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 100305
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100305
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100305
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100402
Penalty amount: 000002250

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100423
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100429
Penalty amount: 000003500

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 100503
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100616
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 100706
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 100812
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 100812
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 100819
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 100902
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 100902
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 100907
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100908
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 100928
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 101004
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 101122
Penalty amount: 000002250

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 101122
Penalty amount: 000004500

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 101220
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 101220
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 101222
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 101222
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110309
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110309
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 110327
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 110421
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 110427
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 110513
Penalty amount: 000000900

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 110525
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 110619
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 110718
Penalty amount: 000000650

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 110722
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 110802
Penalty amount: 000003800

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 110809
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110809
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110809
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 110812
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 110812
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 110817
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 110919
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 110921
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 110921
Penalty amount: Not reported

Air program: NSR
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 111003
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 111003
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 111003
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111005
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111005
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 111121
Penalty amount: 000002588

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 111122
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 111213
Penalty amount: 000002250

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120202
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120202
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120215
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120215
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120222
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120222
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120229
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120229
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 120329
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120403
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120403
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120507
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120507
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 120507
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120508
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120508
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 120515
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 120531
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120531
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120705
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 120705
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120705
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 120712
Penalty amount: 000013500

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 120810
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 120810
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 120830
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 120905
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 120905
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120906
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120906
Penalty amount: Not reported

Air program: NSR
National action type: EPA INVESTIGATION CONDUCTED
Date achieved: 120921
Penalty amount: Not reported

Air program: PSD
National action type: Not reported
Date achieved: 120921
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: EPA INVESTIGATION CONDUCTED
Date achieved: 120921
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: Not reported
Date achieved: 120921
Penalty amount: Not reported

Air program: NSR
National action type: Not reported
Date achieved: 120921
Penalty amount: Not reported

Air program: PSD
National action type: EPA INVESTIGATION CONDUCTED
Date achieved: 120921
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120925
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120925
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121119
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121119
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 121120
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121120
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 121207
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121210
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121210
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121211
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121211
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121212
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121212
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121219
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121219
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 121224
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121227
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 121227
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130102
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130102
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130110
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130110
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130114
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130114
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130128
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130128
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130129
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 130129
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 130205
Penalty amount: 000004500

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130225
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130225
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130311
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130311
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130313
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130313
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130328
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130328
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 130408
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130416
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130416
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130417
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130417
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130424
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130424
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130507
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130507
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130520
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130520
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130521
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130521
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 130610
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130610
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130617
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130617
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 130627
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130627
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130627
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130701
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130701
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130703
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130703
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130705
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130705
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130710
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130710
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130711
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130711
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130715
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130715
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130806
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130806
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 130813
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 130813
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 130819
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130819
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130821
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130821
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 130822
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 130822
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130909
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130909
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130917
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130917
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130918
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130918
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130923
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 130923
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 970128
Penalty amount: 000000350

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 970225
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 970313
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 970313
Penalty amount: Not reported

Air program: NSR
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 970318
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 970318
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 970318
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 970318
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 970318
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 970521
Penalty amount: 000001000

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 970521
Penalty amount: 000000500

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 970525
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: SV RESOLVED
Date achieved: 970610
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 980219
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 980219
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 980221
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 980221
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 980221
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: SV RESOLVED
Date achieved: 980501
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 980501
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 980501
Penalty amount: Not reported

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 980506
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: STATE DAY 0
Date achieved: 980506
Penalty amount: 000000000

Air program: NSR
National action type: NXXXXX
Date achieved: 980506
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 980506
Penalty amount: 000000000

Air program: PSD
National action type: PCE/OFF-SITE
Date achieved: 980506
Penalty amount: 000000000

Air program: PSD
National action type: NXXXXX
Date achieved: 980506
Penalty amount: 000000000

Air program: NSR
National action type: PCE/OFF-SITE
Date achieved: 980506
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 980520
Penalty amount: 000000000

Air program: NSR
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 980520
Penalty amount: 000000000

Air program: PSD
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 980520
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 980520
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: NXXXXX

OWENS BROCKWAY GLASS (Continued) **1000319784**

Date achieved: 980716
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: SV RESOLVED
Date achieved: 980716
Penalty amount: 000000000

Air program: NSR
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 990127
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 990127
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 990127
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 990819
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: SV RESOLVED
Date achieved: 991116
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

OWENS BROCKWAY GLASS (Continued) **1000319784**

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION

OWENS BROCKWAY GLASS (Continued) **1000319784**

Hist compliance date: 1203
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: TITLE V PERMITS

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1101
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1102
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1104

OWENS BROCKWAY GLASS (Continued) **1000319784**

Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1201
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1203
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1301
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1302
Air prog code hist file: CFC TRACKING

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: TITLE V PERMITS

OWENS BROCKWAY GLASS (Continued) **1000319784**

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: PSD

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1004
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1103
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1202
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1204
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1303
Air prog code hist file: CFC TRACKING

Permit Information:
Compliance plant ID: N0593
Permit number: N-0593
Permit category: V
Permit category desc: TITLE V PERMIT - PLANT SP

Permit Source:
Compliance plant ID: N0593
Plant name: OWENS BROCKWAY GLASS
Plant address: 14700 W SCHULTE RD
TRACY, CA 95376

OWENS BROCKWAY GLASS (Continued) **1000319784**

Event Information:

Compliance permit ID:	N0593
Permit number:	N-0593
Event action type:	IF
Event description:	*PERMIT AUTHORITY ISSUES FINAL PERMIT
Event action #:	001
Event date:	19980715

B13 **OWENS BROCKWAY** **AST** **A100338183**
14700 W SCHULTE **N/A**
< 1/8 **TRACY, CA 95377**
1 ft.

Site 4 of 4 in cluster B

Relative:
Higher

Actual:
129 ft.

AST:

Owner:	OWENS BROCKWAY
Total Gallons:	2,078
Certified Unified Program Agencies:	San Joaquin

---

14 **OWENS ILLINOIS** **CA FID UST** **S101593081**
WNW **14700 W SCHULTE RD** **SWEEPS UST** **N/A**
1/8-1/4 **TRACY, CA 95376** **EMI**
0.206 mi.
1087 ft.

Relative:
Higher

Actual:
132 ft.

CA FID UST:

Facility ID:	39001820
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2098355701
Mail To:	Not reported
Mailing Address:	P O BOX 30
Mailing Address 2:	Not reported
Mailing City,St,Zip:	TRACY 95376
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

SWEEPS UST:

Status:	Not reported
Comp Number:	1965
Number:	Not reported
Board Of Equalization:	44-024944
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	39-000-001965-000001

OWENS ILLINOIS (Continued) **S101593081**

Tank Status: Not reported
Capacity: 27300
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: LUBRICUTING
Number Of Tanks: 4

Status: Not reported
Comp Number: 1965
Number: Not reported
Board Of Equalization: 44-024944
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001965-000002
Tank Status: Not reported
Capacity: 42000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: LUBRICUTING
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1965
Number: Not reported
Board Of Equalization: 44-024944
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001965-000003
Tank Status: Not reported
Capacity: 3150
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1965
Number: Not reported
Board Of Equalization: 44-024944
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001965-000004
Tank Status: Not reported
Capacity: 450
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED

OWENS ILLINOIS (Continued) **S101593081**

Number Of Tanks: Not reported

EMI:

Year:	1987
County Code:	39
Air Basin:	SJV
Facility ID:	17
Air District Name:	SJU
SIC Code:	3221
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	25
NOX - Oxides of Nitrogen Tons/Yr:	852
SOX - Oxides of Sulphur Tons/Yr:	236
Particulate Matter Tons/Yr:	87
Part. Matter 10 Micrometers & Smllr Tons/Yr:	82

Year:	1990
County Code:	39
Air Basin:	SJV
Facility ID:	17
Air District Name:	SJU
SIC Code:	3221
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	22
NOX - Oxides of Nitrogen Tons/Yr:	822
SOX - Oxides of Sulphur Tons/Yr:	319
Particulate Matter Tons/Yr:	94
Part. Matter 10 Micrometers & Smllr Tons/Yr:	90

Year:	1995
County Code:	39
Air Basin:	SJV
Facility ID:	593
Air District Name:	SJU
SIC Code:	3221
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	19
NOX - Oxides of Nitrogen Tons/Yr:	785
SOX - Oxides of Sulphur Tons/Yr:	288
Particulate Matter Tons/Yr:	96
Part. Matter 10 Micrometers & Smllr Tons/Yr:	91

15
WNW
1/4-1/2
0.380 mi.
2004 ft.

TRACY YOUTH SPORTS PARK
15178 SCHULTE ROAD
TRACY, CA

SLIC **S108937588**
N/A

Relative:
Higher

Actual:
137 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/21/2009
Global Id:	SL0607797298
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	Not reported
Latitude:	37.721672
Longitude:	-121.495142
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
TRACY	S106230392	TRACY, CITY OF (EAST ELEVENTH ST.	11TH ST. FROM CORRAL HOLLOW RD		SLIC
TRACY	1016420142	VERIZON WIRELESS TRACY CENTRAL	435 WEST 11TH ST 609 W. 6TH ST		FINDS
TRACY	1007249155	PIONEER AMERICAS LLC D/B/A OLIN CH	26700 BANTA ROAD		FINDS
TRACY	1016072125	DEFENSE DISTRIBUTION SAN JOAQUIN T	25600 CHRISMAN ROAD		FINDS
TRACY	1015960924	DDRW TRACY SITE	CHRISMAN ROAD		FINDS
TRACY	S106230411	TRACY, CITY OF	CORRAL HOLLOW & BYRON RDS, NE		SLIC
TRACY	1006830011	CITY OF TRACY LF	31130 S CORRAL HOLLOW SE CORNE		FINDS
TRACY	1016420147	VERIZON WIRELESS TRACY NORTH	12070 W LAMMERS RD		FINDS
TRACY	1014678178	CMC REBAR TRACY	120 LARCH RD		FINDS
TRACY	1015950612	CITY OF TRACY, DEVELOPMENT & ENGIN	LINNE ROAD		FINDS
TRACY	1011985783	TRACY PETRO INC DBA MAC ARTHUR CHE	3400 MAC ARTHUR DR		FINDS
TRACY	1008152836	WESTERN AREA POWER ADM/TRACY	MTN HOUSE & KELSO RDS		FINDS
TRACY	1006830017	TRIAD ENERGY RESOURCES TRACY 50 SI	NOT GIVEN		FINDS
TRACY	1015740401	SHELL PIPELINE CO LP LOCATION NO 8	W SCHULTE AND HANSEN	95377	RCRA-SQG
TRACY	1011988633	TRACY CHOP SERVICE	100 W SLOAN CT		FINDS
TRACY	S106230475	TRACY CORNERS	3301 TRACY BLVD N & CLOVER RD		SLIC
TRACY	1015940992	TRACY CITY	560 TRACY BLVD		FINDS
TRACY	1008246578	TRACY BP SERVICE CENTER	2375 TRACY BLVD		FINDS
TRACY	1015951023	CITY OF TRACY	WEST TWELFTH STREET AT LONNA W		FINDS
TRACY	1011977522	TRACY MUNI	UNKNOWN		FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 02/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/11/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 02/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 11/21/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 95

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 03/12/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/10/2014
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 03/12/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/10/2014
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/14/2014
Date Data Arrived at EDR: 02/18/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 28

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/19/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Quarterly

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/16/2014
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/19/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013
Date Data Arrived at EDR: 08/27/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 10

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/19/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 10

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/29/2014
Date Data Arrived at EDR: 01/29/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 42

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/15/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/01/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/12/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/10/2014
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/20/2014
Date Data Arrived at EDR: 03/20/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/20/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 02/20/2014
Date Made Active in Reports: 03/27/2014
Number of Days to Update: 35

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 65

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 03/12/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/10/2014
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 03/20/2014
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/10/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 01/17/2014
Date Data Arrived at EDR: 01/21/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/10/2014
Date Data Arrived at EDR: 03/11/2014
Date Made Active in Reports: 04/10/2014
Number of Days to Update: 30

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/03/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 52

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/01/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 10/14/2013
Date Data Arrived at EDR: 10/30/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 34

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 18

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/19/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/19/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/05/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/09/2014
Date Data Arrived at EDR: 01/10/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 13

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/14/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/17/2014
Date Data Arrived at EDR: 02/18/2014
Date Made Active in Reports: 03/27/2014
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/25/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/18/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 12/31/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 42

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 04/01/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/16/2013
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 19

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/16/2013
Date Made Active in Reports: 08/26/2013
Number of Days to Update: 41

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/25/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 58

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/25/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List
The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 01/28/2014
Date Data Arrived at EDR: 01/30/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 12

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/14/2014
Date Data Arrived at EDR: 02/18/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 28

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: N/A

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/21/2014
Date Data Arrived at EDR: 03/12/2014
Date Made Active in Reports: 04/14/2014
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/13/2014
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/15/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/24/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/22/2014
Date Data Arrived at EDR: 01/23/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 19

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/22/2014
Date Data Arrived at EDR: 01/23/2014
Date Made Active in Reports: 02/12/2014
Number of Days to Update: 20

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 12/05/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 24

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 20

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/10/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 56

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 12/05/2013
Date Data Arrived at EDR: 12/05/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 53

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/24/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 21

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/05/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 01/09/2013
Date Data Arrived at EDR: 01/10/2013
Date Made Active in Reports: 02/25/2013
Number of Days to Update: 46

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/20/2014
Date Data Arrived at EDR: 02/21/2014
Date Made Active in Reports: 03/20/2014
Number of Days to Update: 27

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/04/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 28

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/14/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 01/27/2014
Date Data Arrived at EDR: 01/28/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 14

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 03/20/2014
Number of Days to Update: 21

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/25/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 33

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/06/2013
Date Data Arrived at EDR: 01/28/2014
Date Made Active in Reports: 03/17/2014
Number of Days to Update: 48

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/02/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/20/2014
Date Data Arrived at EDR: 01/21/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 21

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/17/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/25/2014
Number of Days to Update: 28

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/17/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/10/2014
Date Data Arrived at EDR: 02/12/2014
Date Made Active in Reports: 03/17/2014
Number of Days to Update: 33

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/14/2014
Number of Days to Update: 46

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/18/2013
Date Made Active in Reports: 08/20/2013
Number of Days to Update: 33

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/14/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/09/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/20/2014
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 01/03/2014
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 02/12/2014
Number of Days to Update: 34

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/10/2014
Date Data Arrived at EDR: 03/11/2014
Date Made Active in Reports: 04/10/2014
Number of Days to Update: 30

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/04/2014
Date Made Active in Reports: 04/01/2014
Number of Days to Update: 28

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/09/2014
Date Data Arrived at EDR: 01/10/2014
Date Made Active in Reports: 02/14/2014
Number of Days to Update: 35

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/06/2014
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 27

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2014
Date Data Arrived at EDR: 02/12/2014
Date Made Active in Reports: 03/17/2014
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/03/2014
Date Data Arrived at EDR: 02/13/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2014
Date Data Arrived at EDR: 02/12/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 34

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2014
Date Data Arrived at EDR: 03/11/2014
Date Made Active in Reports: 04/10/2014
Number of Days to Update: 30

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/14/2014
Date Data Arrived at EDR: 01/15/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/02/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/14/2014
Date Data Arrived at EDR: 01/15/2014
Date Made Active in Reports: 02/12/2014
Number of Days to Update: 28

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 33

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 33

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/26/2013
Date Data Arrived at EDR: 11/27/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 42

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 12/18/2013
Date Data Arrived at EDR: 12/19/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 20

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/24/2014
Date Data Arrived at EDR: 02/26/2014
Date Made Active in Reports: 03/26/2014
Number of Days to Update: 28

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/13/2014
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/12/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 03/04/2014
Date Data Arrived at EDR: 03/06/2014
Date Made Active in Reports: 03/20/2014
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/07/2014
Date Data Arrived at EDR: 02/11/2014
Date Made Active in Reports: 03/17/2014
Number of Days to Update: 34

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 02/24/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/20/2014
Number of Days to Update: 23

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 12/03/2013
Date Data Arrived at EDR: 12/04/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 29

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/19/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 20

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/03/2014
Date Data Arrived at EDR: 01/03/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 39

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/10/2013
Date Data Arrived at EDR: 12/11/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 24

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/27/2014
Date Data Arrived at EDR: 01/28/2014
Date Made Active in Reports: 03/17/2014
Number of Days to Update: 48

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 01/28/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/20/2014
Number of Days to Update: 23

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/17/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 10/02/2013
Date Data Arrived at EDR: 10/30/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 28

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 03/21/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/26/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 21

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/18/2013
Date Data Arrived at EDR: 12/24/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 15

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/11/2014
Date Data Arrived at EDR: 02/13/2014
Date Made Active in Reports: 03/17/2014
Number of Days to Update: 32

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 12/06/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/07/2014
Date Made Active in Reports: 03/31/2014
Number of Days to Update: 52

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 03/12/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TRACY BIOMASS
14800 W SCHULTE RD
TRACY, CA 95377

TARGET PROPERTY COORDINATES

Latitude (North):	37.7199 - 37˚ 43’ 11.64’’
Longitude (West):	121.4901 - 121˚ 29’ 24.36’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	633075.0
UTM Y (Meters):	4175606.0
Elevation:	127 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37121-F4 TRACY, CA
Most Recent Revision:	1981
West Map:	37121-F5 MIDWAY, CA
Most Recent Revision:	1980

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

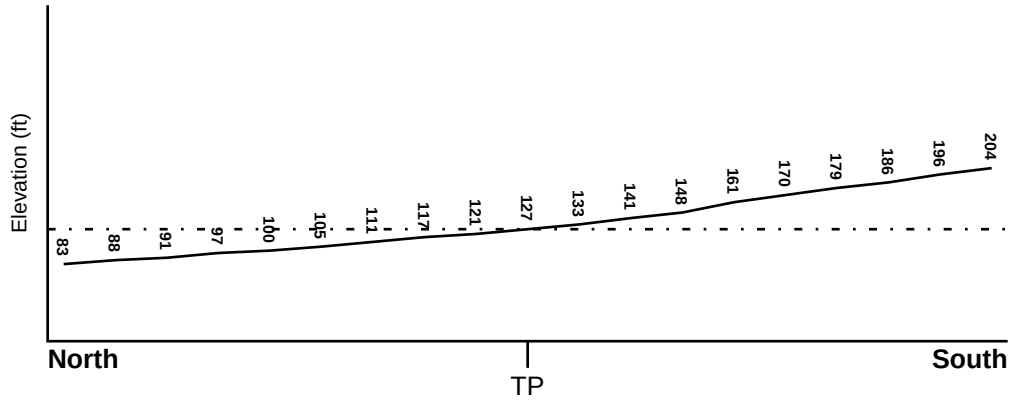
TOPOGRAPHIC INFORMATION

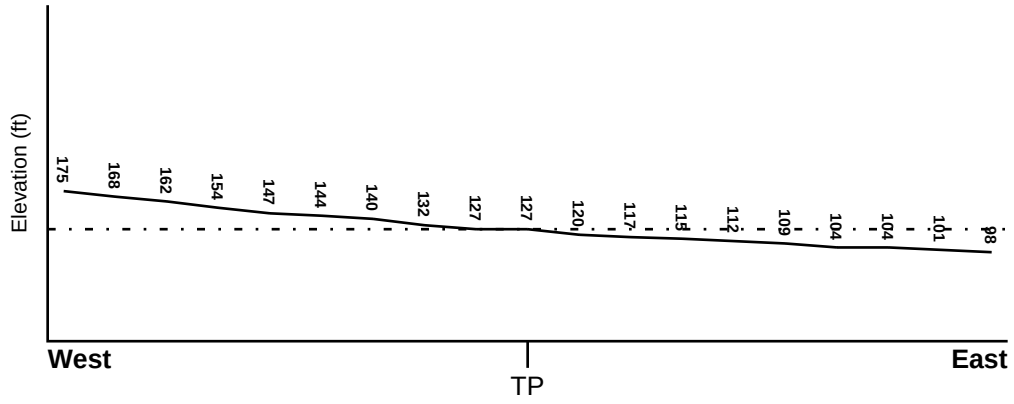
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 127 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SAN JOAQUIN, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06077C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TRACY	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

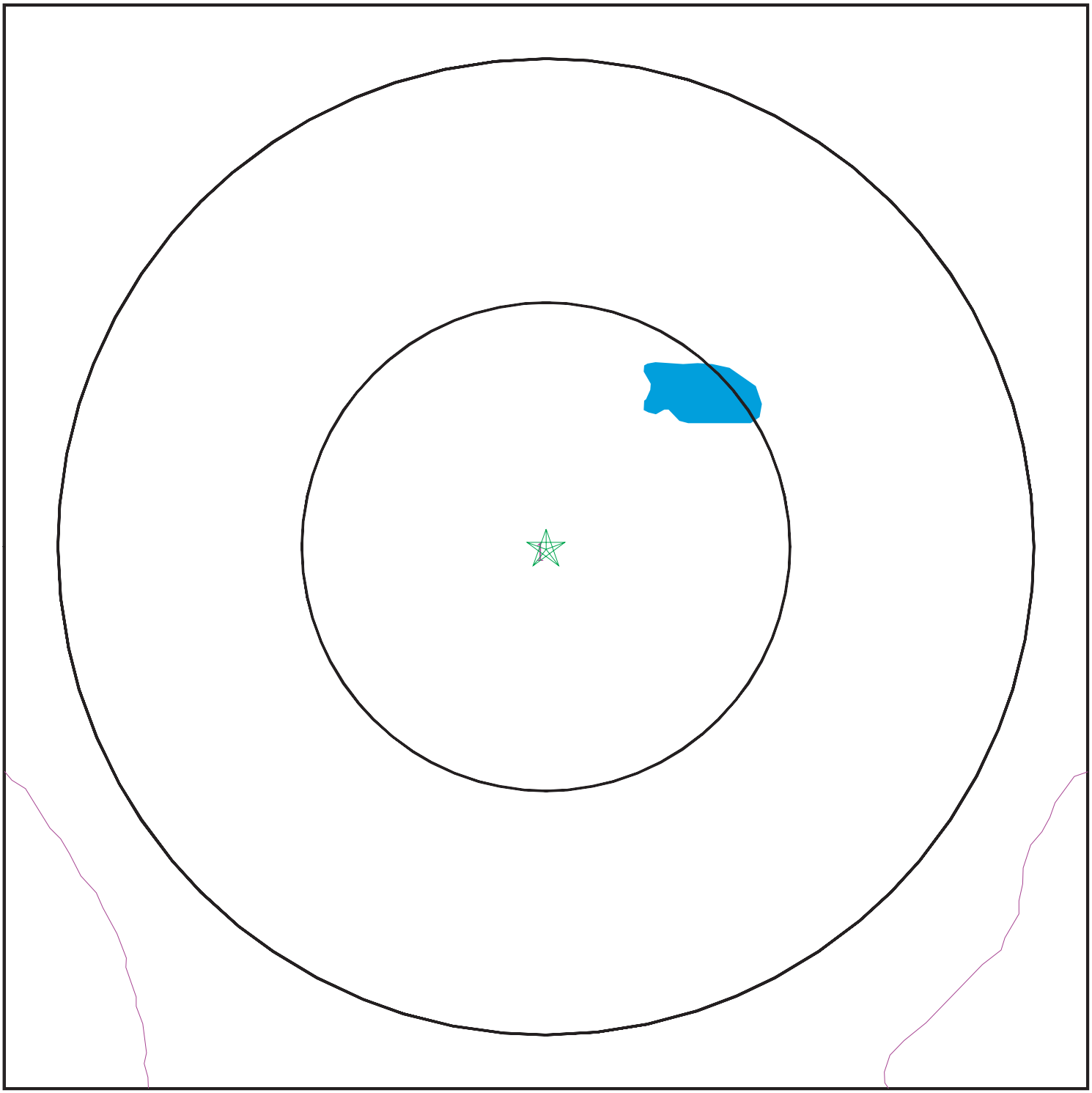
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3917745.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Tracy Biomass	CLIENT:	TRC
ADDRESS:	14800 W Schulte Rd Tracy CA 95377	CONTACT:	Austin Moore
		INQUIRY #:	3917745.2s
LAT/LONG:	37.7199 / 121.4901	DATE:	April 24, 2014 12:32 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Capay

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	20 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000185132	1/4 - 1/2 Mile WSW
2	USGS40000185106	1/2 - 1 Mile SSE
4	USGS40000185119	1/2 - 1 Mile ESE
A5	USGS40000185068	1/2 - 1 Mile South
B7	USGS40000185187	1/2 - 1 Mile NE
9	USGS40000185087	1/2 - 1 Mile SE
C11	USGS40000185093	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

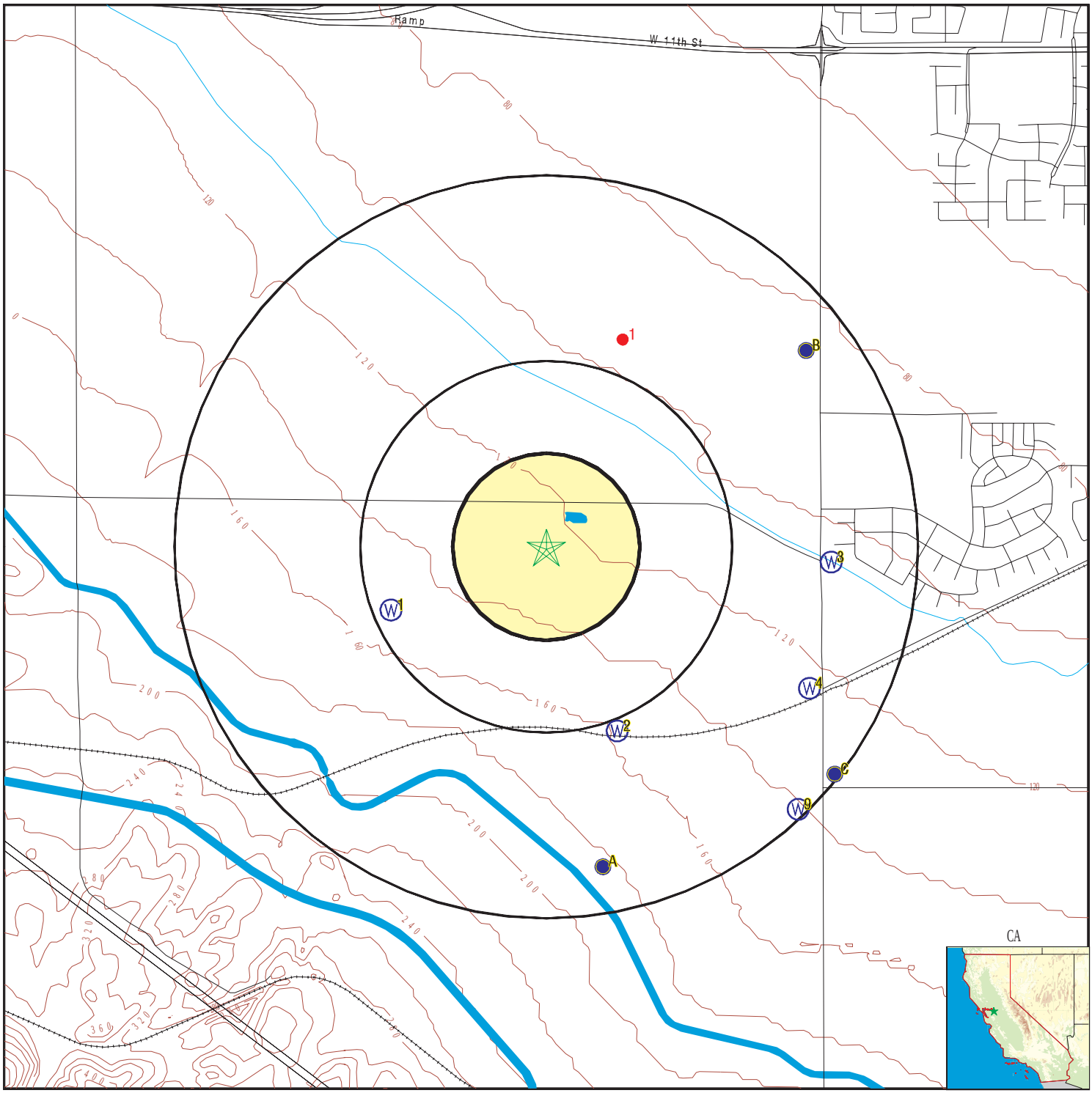
MAP ID	WELL ID	LOCATION FROM TP
3	CADW50000030266	1/2 - 1 Mile East
B6	CADW50000030310	1/2 - 1 Mile NE
A8	CADW50000030187	1/2 - 1 Mile SSE
C10	CADW50000030223	1/2 - 1 Mile SE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG9A000207101	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 3917745.2s



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
HD Closest Hydrogeological Data
Oil, gas or related wells

SITE NAME: Tracy Biomass	CLIENT: TRC
ADDRESS: 14800 W Schulte Rd	CONTACT: Austin Moore
Tracy CA 95377	INQUIRY #: 3917745.2s
LAT/LONG: 37.7199 / 121.4901	DATE: April 24, 2014 12:32 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **WSW** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000185132**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374303121294801		
Monloc name:	002S004E35H001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7174297
Longitude:	-121.4977238	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	150.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Tulare Formation		
Aquifer type:	Not Reported		
Construction date:	19610101	Welldepth:	514
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-05-01	186.00	

---

2 **SSE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000185106**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374246121290801		
Monloc name:	002S004E36L001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7127075
Longitude:	-121.4866124	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	154.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19610101	Welldepth:	600
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-05-01	180.00	

3
East
1/2 - 1 Mile
Lower

CA WELLS **CADW50000030266**

Latitude :	37.7193		
Longitude :	121.4761		
Site code:	377193N1214761W001	Casgem sta:	02S05E31E001M
Local well:	Not Reported	Casgem s 1:	Unknown
County id:	39		
Basin cd:	5-22.15	Basin desc:	Tracy
Org unit n:	North Central Region Office	Site id:	CADW50000030266

4
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000185119**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374252121283401		
Monloc name:	002S004E36H001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7143741
Longitude:	-121.4771678	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	120.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19450101	Welldepth:	207
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-04-01	121.00	

Map ID Direction Distance Elevation	Database	EDR ID Number
A5 **South** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000185068**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374227121291201		
Monloc name:	002S004E36P001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7074298
Longitude:	-121.4877234	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	180.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Alluvium of the Coast Range, Younger (Pleistocene-Holocene)		
Aquifer type:	Not Reported		
Construction date:	19510101	Welldepth:	695
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-02-01	211.00	

B6 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADW50000030310**

Latitude :	37.7277		
Longitude :	121.4775		
Site code:	377277N1214775W001	Casgem sta:	02S04E25J001M
Local well:	Not Reported	Casgem s 1:	Unknown
County id:	39		
Basin cd:	5-22.15	Basin desc:	Tracy
Org unit n:	North Central Region Office	Site id:	CADW50000030310

B7 **NE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000185187**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374339121283401		
Monloc name:	002S004E25J001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7274295
Longitude:	-121.477168	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	80.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Alluvium of the Coast Range, Younger (Pleistocene-Holocene)		
Aquifer type:	Not Reported		
Construction date:	19520101	Welldepth:	180
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A8
SSE **CA WELLS** **CADW50000030187**
1/2 - 1 Mile
Higher

Latitude :	37.7074		
Longitude :	121.4869		
Site code:	377074N1214869W001	Casgem sta:	02S04E36P001M
Local well:	Not Reported	Casgem s 1:	Unknown
County id:	39		
Basin cd:	5-22.15	Basin desc:	Tracy
Org unit n:	North Central Region Office	Site id:	CADW50000030187

9
SE **FED USGS** **USGS40000185087**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374235121283601		
Monloc name:	002S004E36R004M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.709652
Longitude:	-121.4777233	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	139.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Alluvium of the Coast Range, Younger (Pleistocene-Holocene)		
Aquifer type:	Not Reported		
Construction date:	19731012	Welldepth:	289
Welldepth units:	ft	Wellholedepth:	301
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1973-10-12	175.00	

C10
SE
1/2 - 1 Mile
Higher

CA WELLS **CADW50000030223**

Latitude :	37.7113		
Longitude :	121.4758		
Site code:	377113N1214758W001	Casgem sta:	02S05E31N001M
Local well:	Not Reported	Casgem s 1:	Unknown
County id:	39		
Basin cd:	5-22.15	Basin desc:	Tracy
Org unit n:	North Central Region Office	Site id:	CADW50000030223

C11
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40000185093**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374239121283001		
Monloc name:	002S005E31N001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7107631
Longitude:	-121.4760566	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	130.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	200
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-06-01	150.00	

Map ID Direction Distance	Database	EDR ID Number
1 **NNE** **1/2 - 1 Mile**	**OIL_GAS**	**CAOG9A000207101**

Districtnu:	6	Apinumber:	07720016
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	The Termo Company		
Countyname:	San Joaquin	Fieldname:	Any Field
Areaname:	Any Area		
Section:	25		
Township:	02S	Range:	04E
Basemeridi:	MD	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	37.727989		
Glong:	-121.486347		
Gissourcec:	hud		
Comments:	Status Code 006		
Leasename:	Lourenco	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000207101

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95377	2	0

Federal EPA Radon Zone for SAN JOAQUIN County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN JOAQUIN COUNTY, CA

Number of sites tested: 20

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.530 pCi/L	90%	10%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.050 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Tracy Biomass
14800 W Schulte Rd
Tracy, CA 95377

Inquiry Number: 3917745.3
April 24, 2014

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

4/24/14

Site Name:	**Client Name:**
Tracy Biomass	TRC
14800 W Schulte Rd	10680 White Rock Road, Suite
Tracy, CA 95377	Rancho Cordova, CA 95670
EDR Inquiry # 3917745.3	Contact: Austin Moore

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name:	Tracy Biomass
Address:	14800 W Schulte Rd
City, State, Zip:	Tracy, CA 95377
Cross Street:	
P.O. #	217798.0000.0000
Project:	Green Leaf Power - Phase I
Certification #	1CE4-4E79-951B

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results
Certification # 1CE4-4E79-951B

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- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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Tracy Biomass
14800 W Schulte Rd
Tracy, CA 95377

Inquiry Number: 3917745.5
April 30, 2014

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2013			Cole Information Services
2008			Cole Information Services
2003			Cole Information Services
1999			Cole Information Services
1996			Polk's City Directory
1991			Polk's City Directory
1986			Polk's City Directory
1981			Polk's City Directory
1976			Polk's City Directory
1971			Polk's City Directory
1965			Polk's City Directory
1959			Polk's City Directory

RECORD SOURCES

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FINDINGS

TARGET PROPERTY STREET

14800 W Schulte Rd
Tracy, CA 95377

Year	*CD Image*	*Source*	
W SCHULTE RD			
2013	pg A1	Cole Information Services	
2008	pg A2	Cole Information Services	
2003	pg A3	Cole Information Services	
1999	pg A4	Cole Information Services	
1996	pg A5	Polk's City Directory	
1991	pg A6	Polk's City Directory	
1986	-	Polk's City Directory	Street not listed in Source
1981	-	Polk's City Directory	Street not listed in Source
1976	-	Polk's City Directory	Street not listed in Source
1971	-	Polk's City Directory	Street not listed in Source
1965	-	Polk's City Directory	Street not listed in Source
1959	-	Polk's City Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	Cole Information Services

W SCHULTE RD 2013

12680	OCCUPANT UNKNOWN
12770	ROBERT MONIZ
12780	LAUREL DEANDA
14700	OWENS BROCKWAY GLASS CONTAINERS DIVI
14950	GWF POWER SYSTEMS
	WOOD GROUP
15400	WILLIAM DEMOULIN
16502	STATE OF CALIFORNIA
16900	SAFEWAY
	SPECIALIZED DISTRIBUTION MANAGEMENT
17880	COSTCO WHOLESALE
	STAFFMARK

Target Street	Cross Street	Source
✓	-	Cole Information Services

W SCHULTE RD 2008

12355	NUNO SOUSA
12680	ROBERTO PENA
12770	ROBERT MONIZ
	ROBERT MONIZ & BILLIE MONIZ FARM
12780	OCCUPANT UNKNOWN
14700	OI GLASS CONTAINERS
	OWENS BROCKWAY GLASS CONTAINER
	OWENS ILLINOISE INC
14800	TRACY OPERATORS
15400	JOSE LOPEZ
16900	KING SECURITY SERVICES
	SAFEAMERICA CREDIT UNION
	SAFEWAY DISTRIBUTION CENTER
17880	COSTCO WHOLESALE TRACY DEPOT

Target Street	Cross Street	Source
✓	-	Cole Information Services

W SCHULTE RD 2003

12345	OCCUPANT UNKNOWN
12355	MABEL MOITOSO
12680	MARIA LOPEZ
12770	BILLIE D MONIZ
	ROBERT MONIZ
12780	ROBERTO PENA
14700	KRISTEN CARDWELL
	OWENS BROCKWAY GLASS CNTNR
14800	TRACY BIOMASS PLANT
	TRACY OPERATORS
15400	JOSE LOPEZ
16502	JOHN RODERICK
16900	GUY LANGLAIS
	MONUMENT SECURITY INC
	ROGER SHOEMAKER
	SAFEAMERICA FEDERAL CRDT UNION
	SUMMIT LOGISTICS INC
	TRACY

Target Street	Cross Street	Source
✓	-	Cole Information Services

W SCHULTE RD 1999

12680	ROBERTO PENA
14700	OWENS BROCKWAY GLASS CONTAINERS DIVISION OF OWENS ILLINOIS I
	OWENS-BROCKWAY GLS CONTAINERS DV OF OWENS ILLINOI
	RAM MOUNTAIN CONTRACTING
14800	THERMAL ENERGY DEVELOPMENT PARTNERSHIP L P
	TRACY BIOMASS PLANT
16900	SAFEAMERICA FEDERAL CREDIT UNION
	SAFEWAY STORES
	SPECIALIZED DISTRIBUTION MANAGEMENT INCORPORATED

Target Street	Cross Street	Source
✓	-	Polk's City Directory

W SCHULTE RD 1996

W SCHULTE RD *cont'd*

Address		Zip+4	CarrRte	Phone
	Mattos Richard N	-9148	R012	835-0385
8606	Alvarez Joe Jr	-9148	R012	835-3082
8966	Alvarez Emilio	-9148	R012	836-4289
12355	Moitoso G P	-8111	R001	835-0271
12680	Torres Maria D	-8111	R001	833-0142
12770	Moniz R L	-9107	R001	835-4761
12780	TRIAD WATER SYSTEMS INTL INC	-9107	R001	832-0282
	Moniz Mark	-9107	R001	835-5838
14700	OWENS BROCKWAY GLASS CONTAINER	-8795	R005	835-5701
14800	THERMAL ENERGY DEVELOPMENT	-8795	R005	835-6914
16900	SAFE AMERICA FEDERAL CU	-8985	R005	832-4047
	SDMI	-8985	R005	833-4700
	SPECIALIZED DISTRIBUTION MGMT	-8985	R005	835-1844

BUSINESSES 8 HOUSEHOLDS 14

SCOTCH PINE CT *(TR)* 95376

1861	Rink David	-9192	R007	835-1180
	Rink Kathy	-9192	R007	835-1180
1880	Johnson David	-9192	R007	836-3770

Target Street	Cross Street	Source
✓	-	Polk's City Directory

W SCHULTE RD 1991

RESIDENTIAL - COMMERCIAL

W. 6th St. at B St. 835-0601

139 ★ NEW NEIGHBOR

SCHOOL ST–Contd

8★Ellington Lorene Mrs 835-8605
670 Apartments
1★Beltram Ruby Mrs
2★Mc Allester Mary Lou
3 Lopez R
4★Guerrero Rosa
5★Smith Debbie
6 Gomez Henry
7★Webb Paula
8 Villarreal Patricia
690 Apartments
1★Quijada Henry
2★Hix Ruby
3★Church Paul
4★Sira Louie
5 Gonzalez Cathy
6★Early Diane
7 Hayes R
8★Kennedy Jessie
9TH ST INTERSECTS

3

SCHULTE RD SOUTH –FROM TRACY BLVD EAST

ZIP CODE 95376
430 Brown E O Jr 836-1297
440 O'Neil Thos C 835-2379
450 Stone D
500 Sullivan Dean S
520 Yeszin Edw ◎ 835-5326
540-560 No Return (2 Hses)
580 Lee Man ◎
600 Tracy Cemetery 835-2930
7750★Potter Eric
7818★Alvarez Peter ◎
8235★Cardoza Lynn
8567★Mattos B R ◎ 835-6609
E Q P Mattos Transport trucking-express lines 835-6609
Mattos Richd N
8606★Alvarez Jos Jr
8842 Tracy Garden
8966★Graham Jas
8898 No Return
12355★Moitoso G P
★Garcia Jose
12359-12763 No Return (2 Hses)
12770★Moniz R L
12780★Moniz Mark
14700 Owens-Brockway Inc recycling 836-8274
Owens-Brockway Inc ship 836-8245
Owens-Brockway Inc admn bldg 836-8200
Owens-Brockway Inc accts 836-8233
Owens-Brockway Inc purchasing 836-8227
16502★Roderick John

5

SCHULTE RD EXTENSION –FROM S P R R WEST TO CITY LIMITS

ZIP CODE 95376

3

SCOTCH PINE CT –FROM DEERWOOD LA SOUTH

ZIP CODE 95376
1820 Dumas Melvyn ◎ 835-4354
1821 Montalvo Isabel 832-0225
1840 Standart Bill ◎ 836-4186
1841 Maiwald Robt L
1860 Carter Darrell ◎ 835-8757
1861 Rink David 835-1180
1880 No Return
1881 Cannon Robert ◎ 836-3744
1890 Eastman Alan D 835-6826
1891 Saalwaechter Craig 836-2606
1900 Burness Scott ◎ 836-0342

30

SCOTT ST –FROM TAMMI CT SOUTH TO HOLDER LA

ZIP CODE 95376
1705-1725 Vacant (2 Hses)
1735 No Return
1755 Vacant
1765 No Return

5

SEQUOIA BLVD –FROM CYPRESS DR NORTH & WEST

ZIP CODE 95376
CYPRESS DR BEGINS
425 Maclean Wm ◎ 835-8108
451★Reddle Geo A 832-7955
475 Pehle Steve 836-0519
499 Serna Larry ◎ 832-2645
519 Donsmorrs Gary 835-3156

EACH OFFICE INDEPENDENTLY OWNED & OPERATED

Tracy Biomass
14800 W Schulte Rd
Tracy, CA 95377

Inquiry Number: 3917745.4
April 29, 2014

EDR Historical Topographic Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
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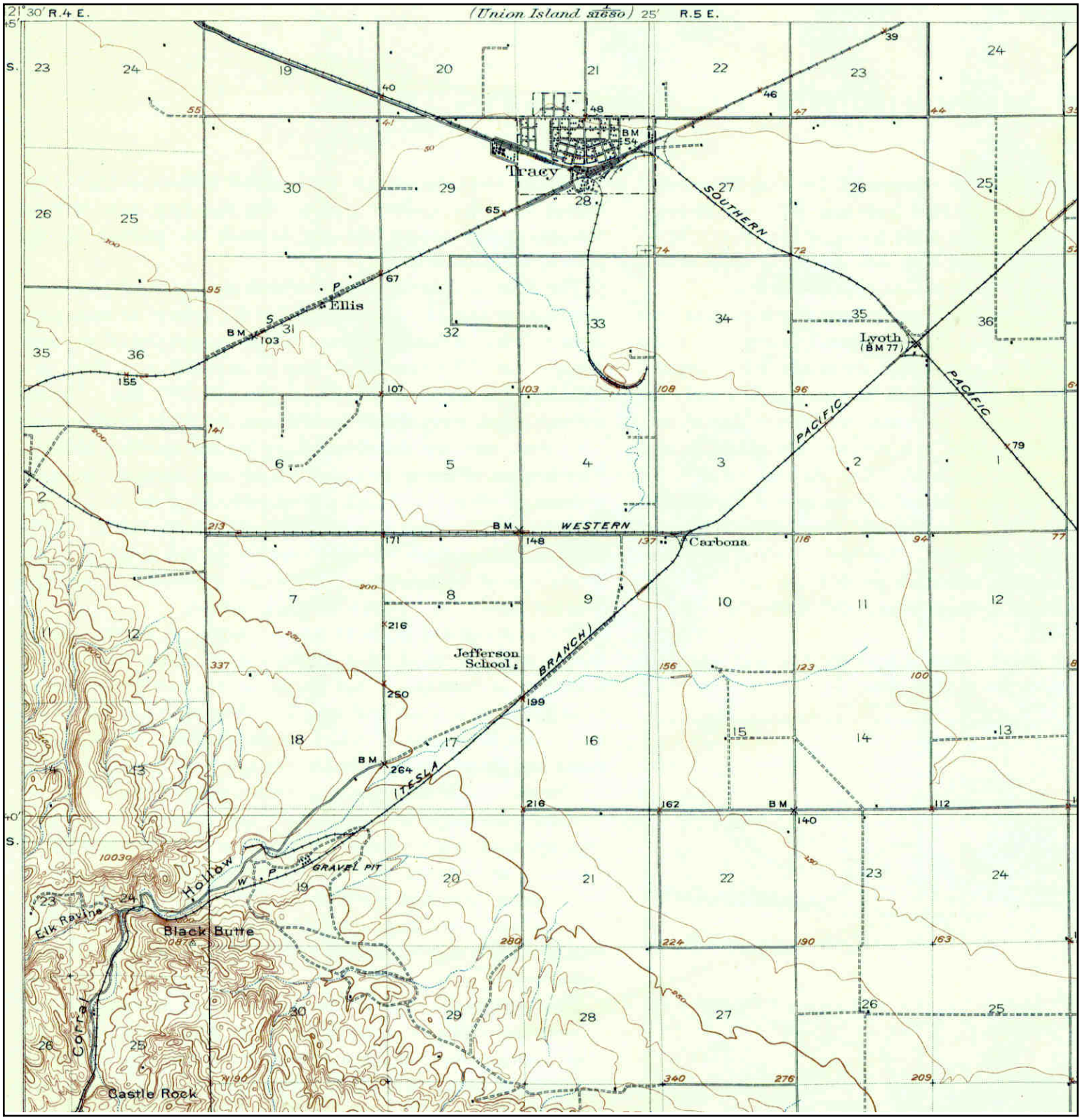
Historical Topographic Map

Unsurveyed Area on the Topographic Map

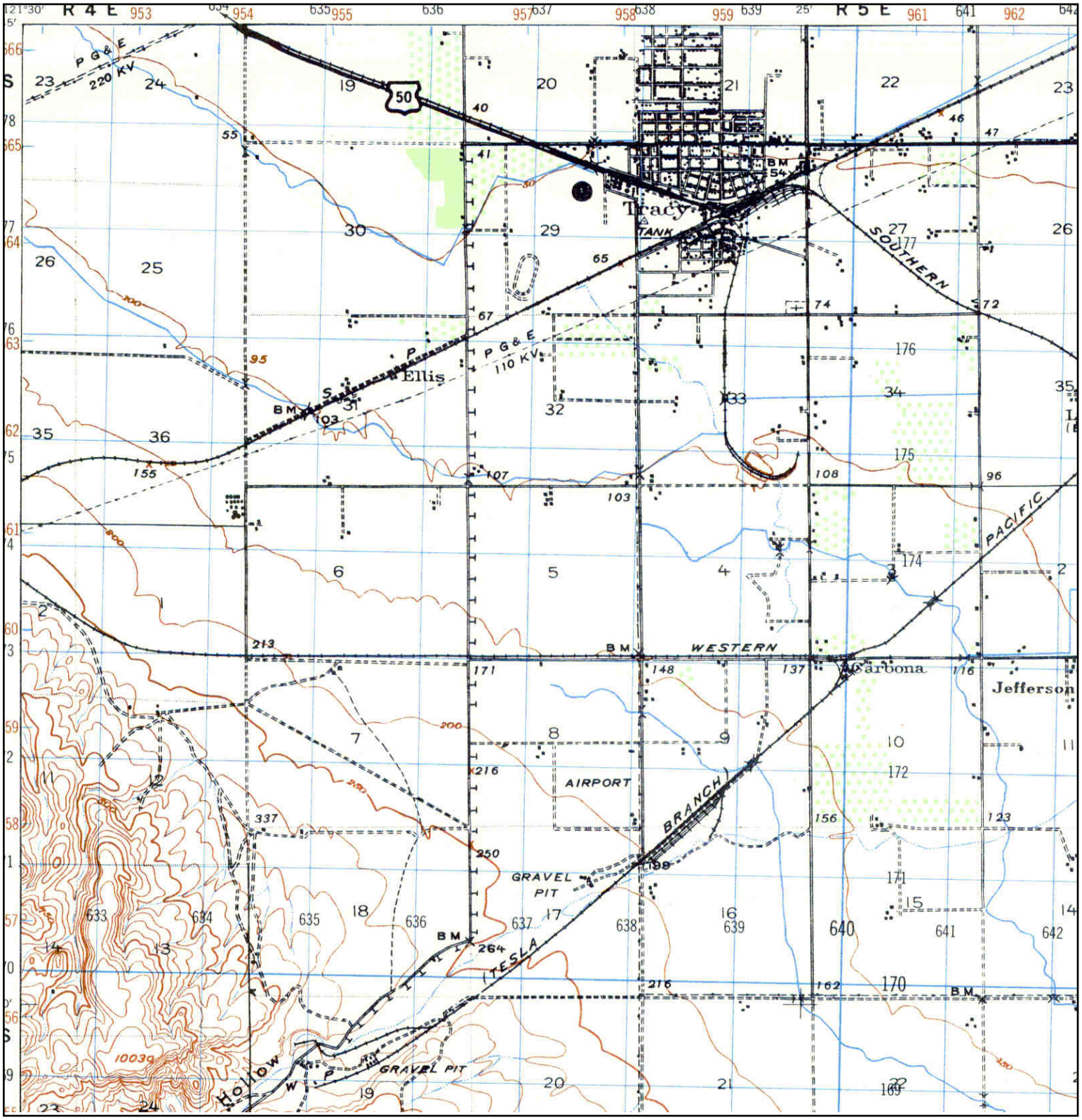
N	TARGET QUAD NAME: TRACY MAP YEAR: 1916 PRELIMINARY SERIES: 7.5 SCALE: 1:31680	SITE NAME: Tracy Biomass ADDRESS: 14800 W Schulte Rd Tracy, CA 95377 LAT/LONG: 37.7199 / -121.4901	CLIENT: TRC CONTACT: Austin Moore INQUIRY#: 3917745.4 RESEARCH DATE: 04/29/2014

Historical Topographic Map



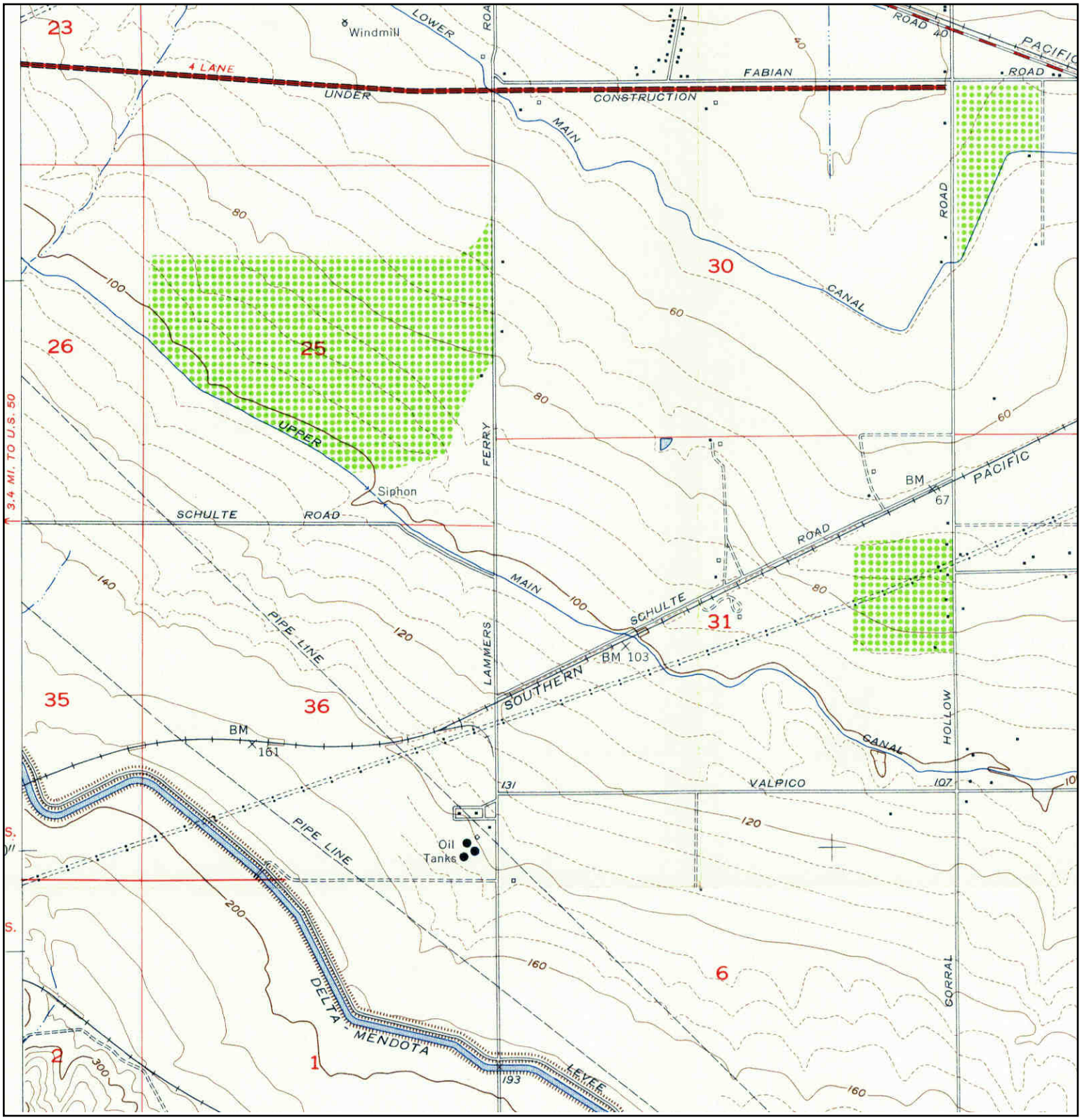
N	TARGET QUAD NAME: CARBONA MAP YEAR: 1922 SERIES: 15 SCALE: 1:62500	SITE NAME: Tracy Biomass ADDRESS: 14800 W Schulte Rd Tracy, CA 95377 LAT/LONG: 37.7199 / -121.4901	CLIENT: TRC CONTACT: Austin Moore INQUIRY#: 3917745.4 RESEARCH DATE: 04/29/2014

Historical Topographic Map



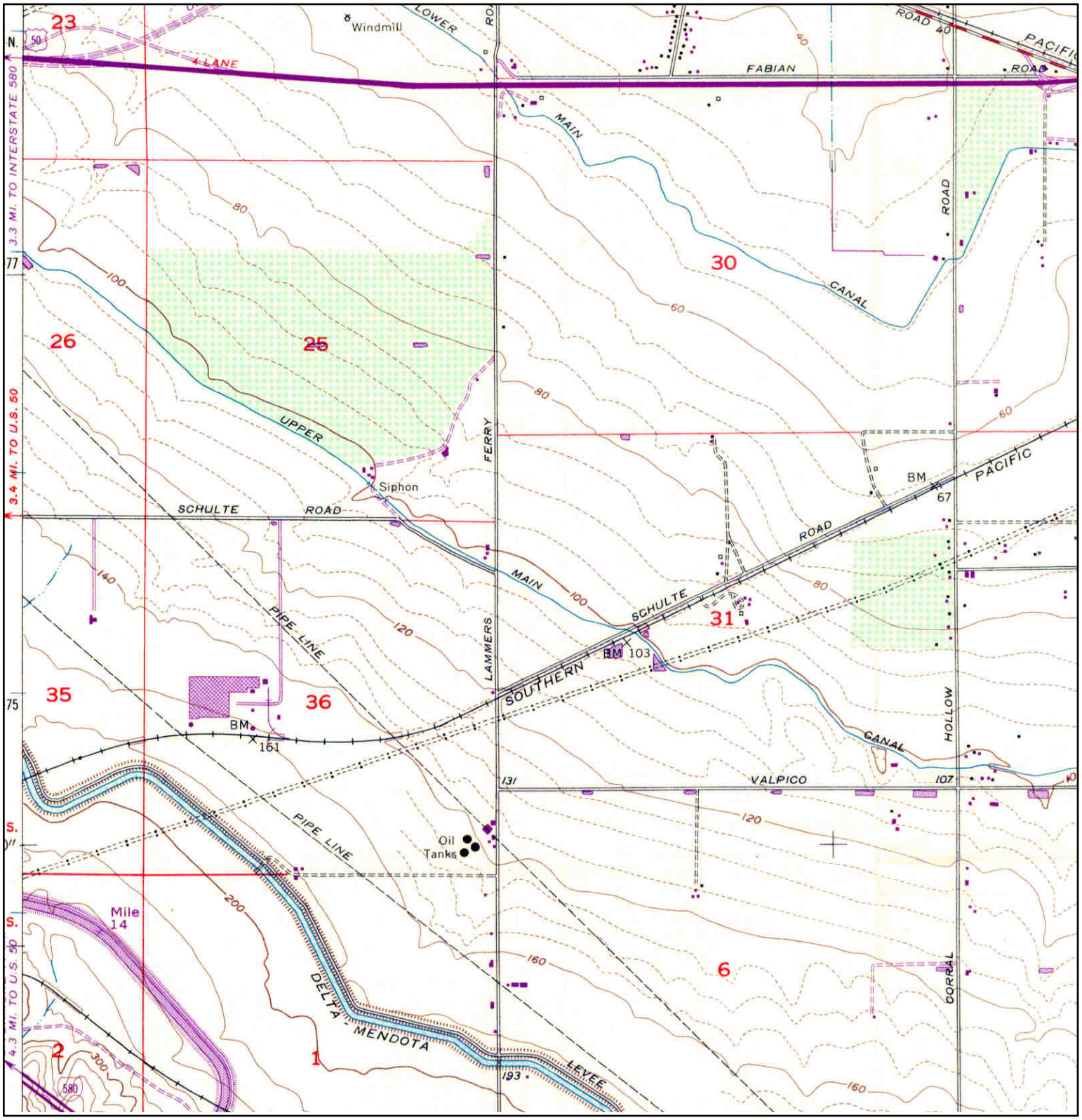
N	TARGET QUAD NAME: CARBONA MAP YEAR: 1947 SERIES: 15 SCALE: 1:50000	SITE NAME: Tracy Biomass ADDRESS: 14800 W Schulte Rd Tracy, CA 95377 LAT/LONG: 37.7199 / -121.4901	CLIENT: TRC CONTACT: Austin Moore INQUIRY#: 3917745.4 RESEARCH DATE: 04/29/2014

Historical Topographic Map



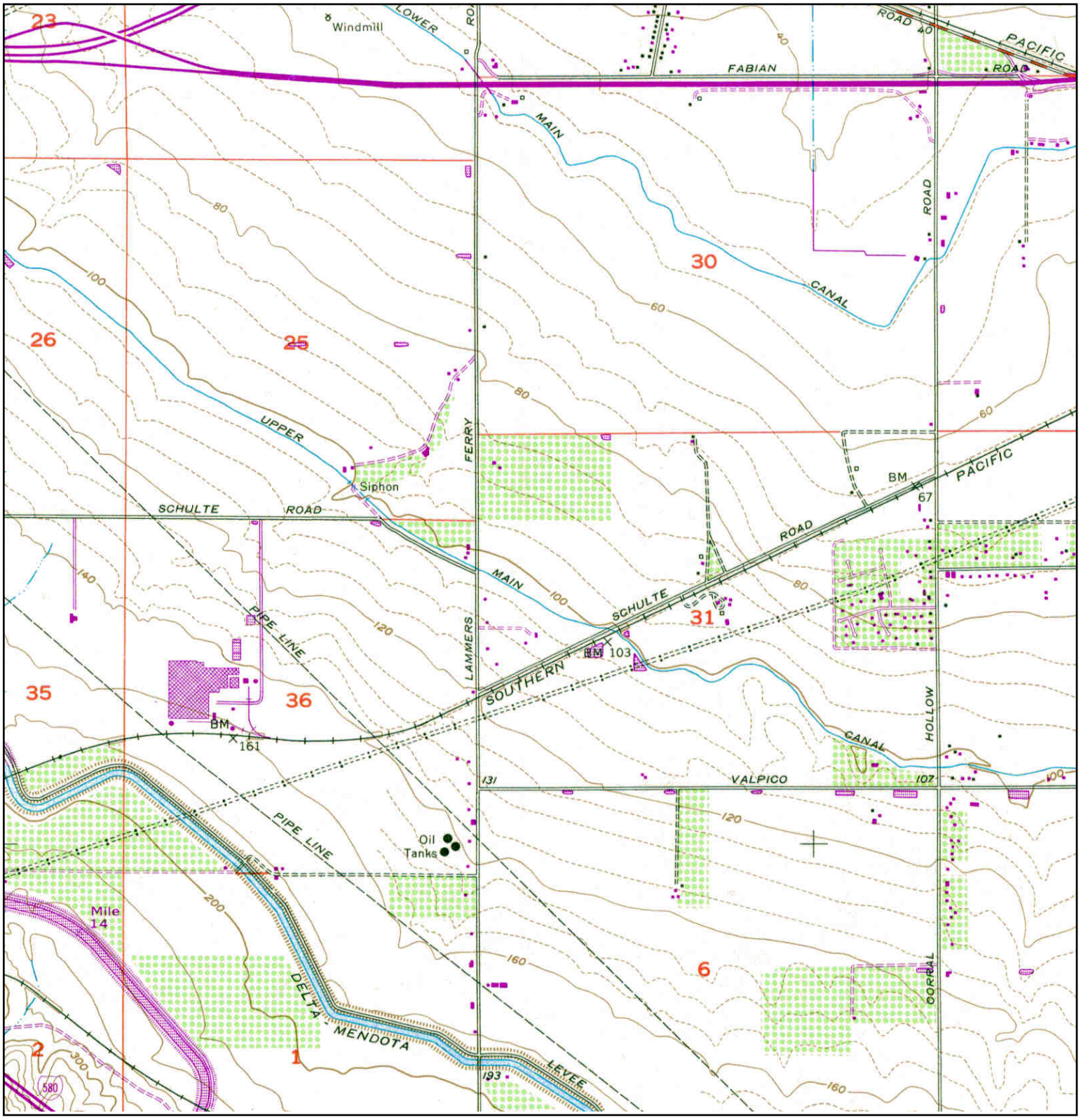
N	TARGET QUAD NAME: TRACY MAP YEAR: 1954 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Tracy Biomass ADDRESS: 14800 W Schulte Rd Tracy, CA 95377 LAT/LONG: 37.7199 / -121.4901	CLIENT: TRC CONTACT: Austin Moore INQUIRY#: 3917745.4 RESEARCH DATE: 04/29/2014

Historical Topographic Map



N	TARGET QUAD NAME: TRACY MAP YEAR: 1968 PHOTOREVISED FROM :1954 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Tracy Biomass ADDRESS: 14800 W Schulte Rd Tracy, CA 95377 LAT/LONG: 37.7199 / -121.4901	CLIENT: TRC CONTACT: Austin Moore INQUIRY#: 3917745.4 RESEARCH DATE: 04/29/2014

Historical Topographic Map



N	TARGET QUAD NAME: TRACY MAP YEAR: 1981 PHOTOREVISED FROM :1954 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Tracy Biomass ADDRESS: 14800 W Schulte Rd Tracy, CA 95377 LAT/LONG: 37.7199 / -121.4901	CLIENT: TRC CONTACT: Austin Moore INQUIRY#: 3917745.4 RESEARCH DATE: 04/29/2014

Tracy Biomass
14800 W Schulte Rd
Tracy, CA 95377

Inquiry Number: 3917745.6s
May 7, 2014

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

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www.edrnet.com

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600-10).

STANDARD ENVIRONMENTAL RECORDS	Maximum Search Distance*	Summary		
		property	1/10	1/10 - 1/3
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	0.333	0	0	0
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	0.333	0	0	0
State and tribal - equivalent CERCLIS	0.333	0	0	0
State and tribal landfill / solid waste disposal	0.333	0	0	0
State and tribal leaking storage tank lists	0.333	0	2	0
State and tribal registered storage tank lists	property	0	-	-
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.333	0	0	0
State and tribal Brownfields sites	not searched	-	-	-
Other Standard Environmental Records	0.333	9	1	0

HISTORICAL USE RECORDS				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.25	0	0	0
Historical Dry Cleaners	0.25	0	0	0
Exclusive Recovered Govt. Archives	property	0	-	-

*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

TRACY BIOMASS
14800 W SCHULTE RD
TRACY, CA 95377

COORDINATES

Latitude (North):	37.7199 - 37° 43′ 11.633606″
Longitude (West):	121.4901 - 121° 29′ 24.349365″
Elevation:	127 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site	Database(s)
TRACY BIOMASS 14800 SCHULTE AVE TRACY, CA 953780000	HAZNET
TRACY OPERATORS 14800 W. SCHULTE ROAD TRACY, CA	FINDS
THERMAL ENERGY DEV. CORP, LTD 14800 W SCHULTE RD TRACY, CA 95377	EMI
THERMAL ENERGY DEVELOPMENT CORP 14800 W SCHULTE RD TRACY, CA 95378	US AIRS
TRACY BIOMASS PLANT 14800 W. SCHULTE ROAD TRACY, CA 95376	RMP
THERMAL ENERGY DEVELOPMENT PARTNERSHIP, LP. 14800 W. SCHULTE RD. TRACY, CA 95377	EMI
TRACY BIOMASS PLANT 14800 WEST SCHULTE ROAD TRACY, CA	FINDS
THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA 14800 W SCHULTE RD TRACY, CA 95377	HAZNET
TRACY OPERATORS 14800 W. SCHULTE ROAD TRACY, CA 95376	EMI

EXECUTIVE SUMMARY

PHYSICAL SETTING INFORMATION

Flood Zone:	Available
NWI Wetlands:	Available

AQUIFLOW®

Search Radius: 0.333 Mile.

No Aquiflow sites reported.

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name:	Capay
Soil Surface Texture:	clay
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Moderately well drained
Hydric Status:	Partially hydric
Corrosion Potential - Uncoated Steel:	High
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

EXECUTIVE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	20 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: STOMAR

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6
2	16 inches	46 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

EXECUTIVE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	46 inches	59 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: ZACHARIAS

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
2	18 inches	53 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.8 Min: 6.6

EXECUTIVE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	53 inches	59 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

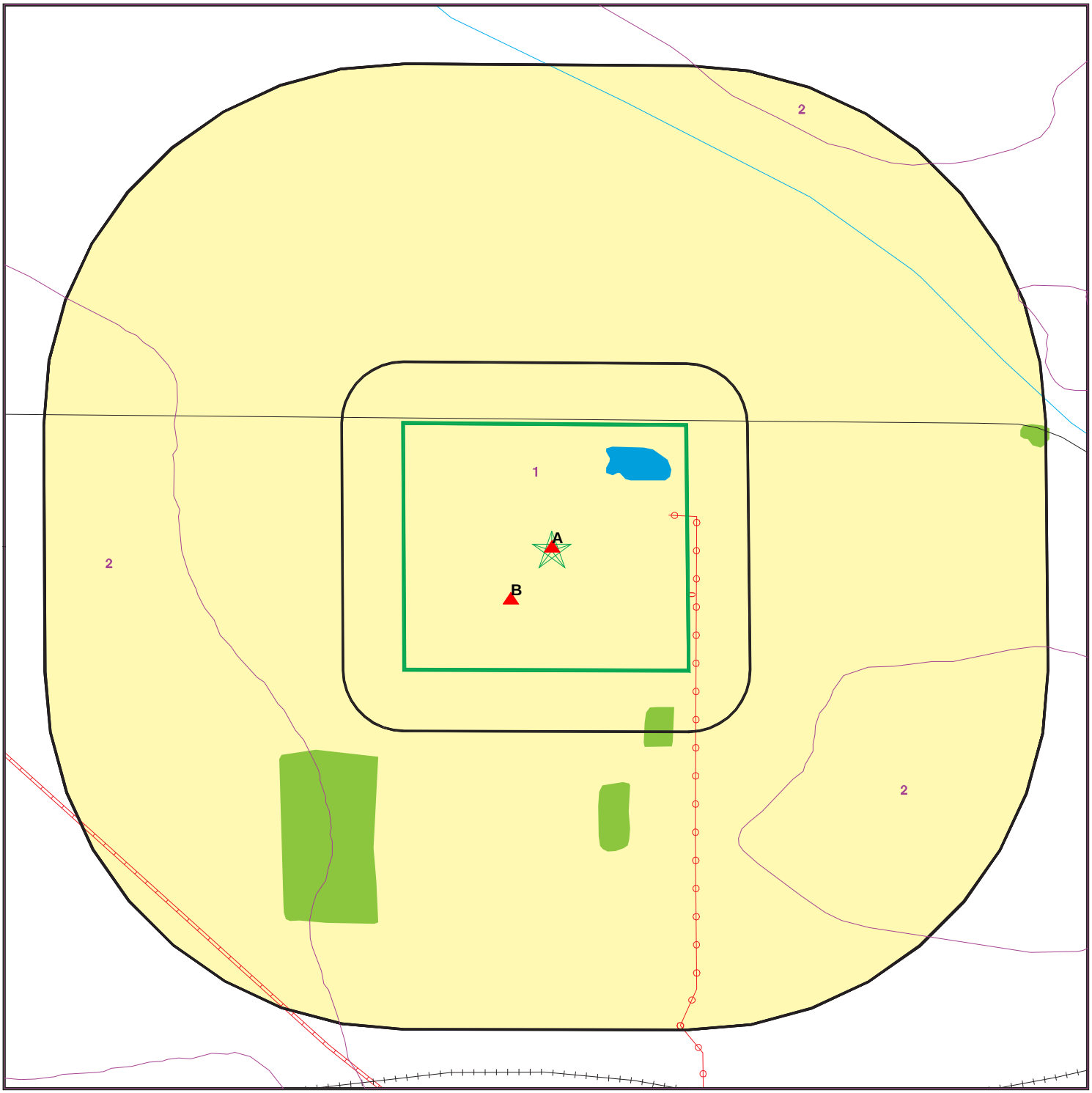
STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
TRACY BIOMASS HAZNET: Other Standard Environmental Records	14800 SCHULTE AVE	Property	▲ A1	12
TRACY OPERATORS FINDS: Other Standard Environmental Records	14800 W. SCHULTE ROAD	Property	▲ A2	15
THERMAL ENERGY DEV. CORP, LTD EMI: Other Standard Environmental Records	14800 W SCHULTE RD	Property	▲ A3	16
THERMAL ENERGY DEVELOPMENT CORP US AIRS: Other Standard Environmental Records	14800 W SCHULTE RD	Property	▲ A4	21
TRACY BIOMASS PLANT RMP: Other Standard Environmental Records	14800 W. SCHULTE ROAD	Property	▲ A5	114
THERMAL ENERGY DEVELOPMENT PARTNERSHIP, LP. EMI: Other Standard Environmental Records	14800 W. SCHULTE RD.	Property	▲ A6	121
TRACY BIOMASS PLANT FINDS: Other Standard Environmental Records	14800 WEST SCHULTE ROAD	Property	▲ A7	122
THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA HAZNET: Other Standard Environmental Records	14800 W SCHULTE RD	Property	▲ A8	123
TRACY OPERATORS EMI: Other Standard Environmental Records	14800 W. SCHULTE ROAD	Property	▲ A9	125
OWENS-BROCKWAY GLASS CONTAINER FACILITY** SLIC: State and tribal leaking storage tank lists	14700 SHULTE RD W	<1/10 SW	▲ B10	128
OWENS BROCKWAY GLASS US AIRS: Other Standard Environmental Records RCRA-LQG: Federal RCRA generators list TRIS: Other Standard Environmental Records ENF: Other Standard Environmental Records LUST: State and tribal leaking storage tank lists WDS: Other Standard Environmental Records HIST CORTESE: Other Standard Environmental Records HIST UST: State and tribal registered storage tank lists SLIC: State and tribal leaking storage tank lists	14700 W SCHULTE RD	<1/10 SW	▲ B11	129

HISTORICAL USE RECORDS

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 3917745.6s



0 300 1/3 1/2 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- SSURGO Soil
- Areas of Concern

SITE NAME: Tracy Biomass	CLIENT: TRC
ADDRESS: 14800 W Schulte Rd Tracy CA 95377	CONTACT: Austin Moore
LAT/LONG: 37.7199 / 121.4901	INQUIRY #: 3917745.6s DATE: April 24, 2014 2:02 pm

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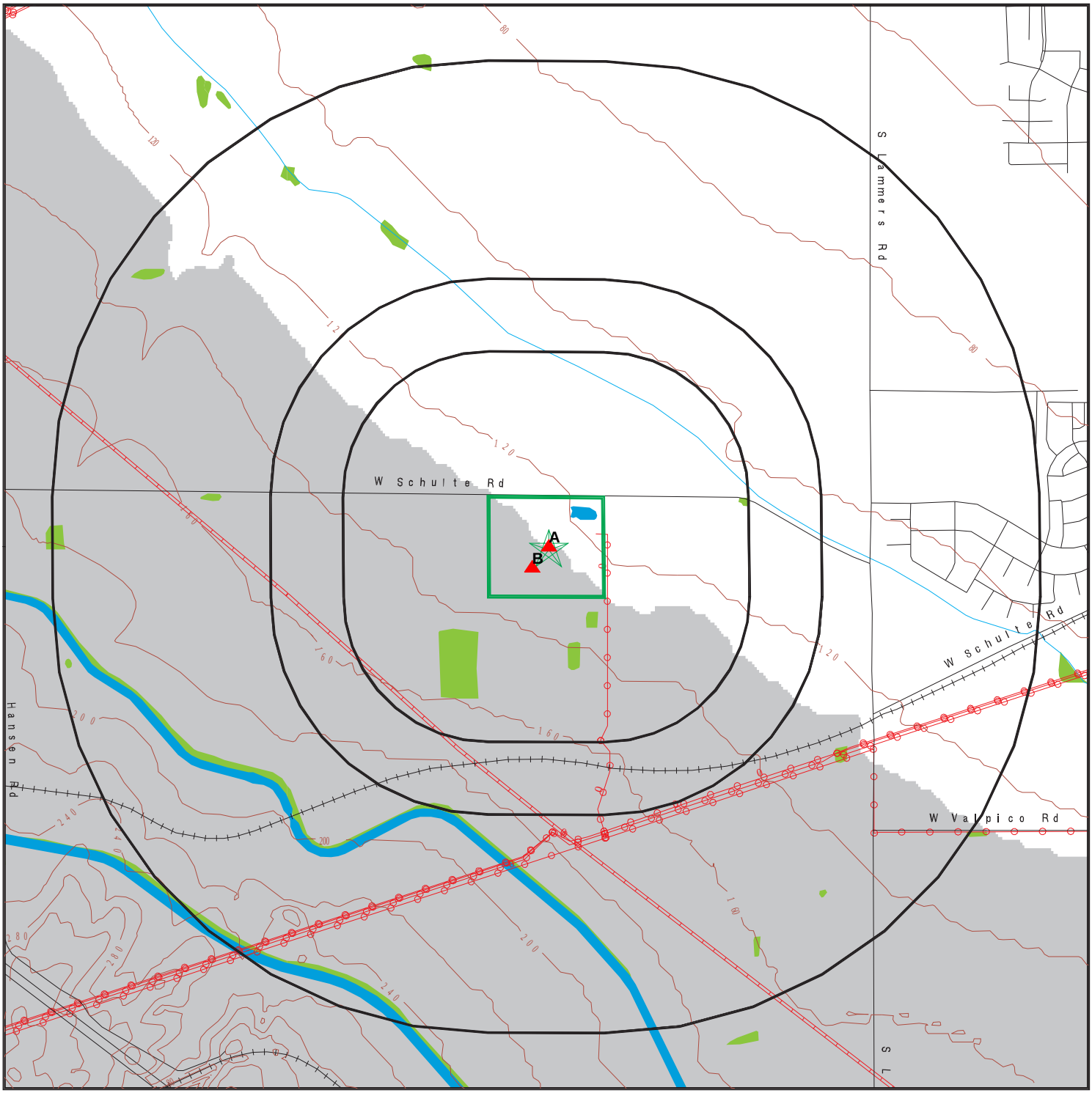
SECONDARY MAP - 3917745.6s



Target Property
Sites at elevations higher than or equal to the target property
Sites at elevations lower than the target property
Manufactured Gas Plants
National Priority List Sites
Dept. Defense Sites

0 1/3 1/2 1 Miles

Indian Reservations BIA
Contour Lines
Power transmission lines
Oil & Gas pipelines from USGS
100-year flood zone
500-year flood zone
National Wetland Inventory

Upgradient Area
Areas of Concern

SITE NAME: Tracy Biomass ADDRESS: 14800 W Schulte Rd Tracy CA 95377 LAT/LONG: 37.7199 / 121.4901	CLIENT: TRC CONTACT: Austin Moore INQUIRY #: 3917745.6s DATE: April 24, 2014 1:59 pm

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AERIAL PHOTOGRAPHY - 3917745.6s

0 300 1/3 1/2 Miles

N

SITE NAME: Tracy Biomass ADDRESS: 14800 W Schulte Rd Tracy CA 95377 LAT/LONG: 37.7199 / 121.4901	CLIENT: TRC CONTACT: Austin Moore INQUIRY #: 3917745.6s DATE: April 24, 2014 2:08 pm

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LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
▼ MAP ID#	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:

Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

TRACY BIOMASS 14800 SCHULTE AVE, TRACY, CA, 953780000		S113038656
▲ A1	Target Property 127 ft. Above Sea Level	Other Standard Environmental Records

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

HAZNET: Other Standard Environmental Records

Year:	2006
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not Reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not Reported
TSD EPA ID:	CAD980884183
TSD County:	Not Reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Facility County:	San Joaquin

Year:	2006
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not Reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000

TRACY BIOMASS, 14800 SCHULTE AVE, TRACY, CA 953780000 (Continued)

Gen County:	Not Reported
TSD EPA ID:	CAD980884183
TSD County:	Not Reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Facility County:	San Joaquin

Year:	2006
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not Reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not Reported
TSD EPA ID:	CAD980884183
TSD County:	Not Reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01
Facility County:	San Joaquin

Year:	2006
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not Reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not Reported
TSD EPA ID:	CAD980884183
TSD County:	Not Reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01
Facility County:	San Joaquin

Year:	2003
Gepaid:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not Reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not Reported
TSD EPA ID:	WIR000029751
TSD County:	Not Reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.1

TRACY BIOMASS, 14800 SCHULTE AVE, TRACY, CA 953780000 (Continued)

Facility County: San Joaquin

The CA_HAZNET database contains 23 additional records for this site. Please contact your EDR Account Executive for more information.

TRACY OPERATORS 14800 W. SCHULTE ROAD, TRACY, CA,		1014675925
▲ A2	Target Property 127 ft. Above Sea Level	Other Standard Environmental Records

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

FINDS: Other Standard Environmental Records

Registry ID: 110041059449

Environmental Interest/Information System:

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

THERMAL ENERGY DEV. CORP, LTD 14800 W SCHULTE RD, TRACY, CA, 95377		S105940010
▲ A3	Target Property 127 ft. Above Sea Level	Other Standard Environmental Records

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

EMI: Other Standard Environmental Records

Year:	1996
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	144
NOX - Oxides of Nitrogen Tons/Yr:	75
SOX - Oxides of Sulphur Tons/Yr:	15
Particulate Matter Tons/Yr:	43
Part. Matter 10 Micrometers & Smllr Tons/Yr:	35

Year:	1997
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	144
NOX - Oxides of Nitrogen Tons/Yr:	75
SOX - Oxides of Sulphur Tons/Yr:	15
Particulate Matter Tons/Yr:	43
Part. Matter 10 Micrometers & Smllr Tons/Yr:	35

THERMAL ENERGY DEV. CORP, LTD, 14800 W SCHULTE RD, TRACY, CA 95377 (Continued)

Year:	1998
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	168
NOX - Oxides of Nitrogen Tons/Yr:	87
SOX - Oxides of Sulphur Tons/Yr:	18
Particulate Matter Tons/Yr:	49
Part. Matter 10 Micrometers & Smllr Tons/Yr:	17

Year:	1999
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	179
NOX - Oxides of Nitrogen Tons/Yr:	92
SOX - Oxides of Sulphur Tons/Yr:	19
Particulate Matter Tons/Yr:	52
Part. Matter 10 Micrometers & Smllr Tons/Yr:	17

Year:	2000
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	1

THERMAL ENERGY DEV. CORP, LTD, 14800 W SCHULTE RD, TRACY, CA 95377 (Continued)

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	189
NOX - Oxides of Nitrogen Tons/Yr:	98
SOX - Oxides of Sulphur Tons/Yr:	20
Particulate Matter Tons/Yr:	53
Part. Matter 10 Micrometers & Smllr Tons/Yr:	18
Year:	2001
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	B
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	210
NOX - Oxides of Nitrogen Tons/Yr:	108
SOX - Oxides of Sulphur Tons/Yr:	22
Particulate Matter Tons/Yr:	58
Part. Matter 10 Micrometers & Smllr Tons/Yr:	50
Year:	2004
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.058208001
Reactive Organic Gases Tons/Yr:	0.465839885
Carbon Monoxide Emissions Tons/Yr:	234.840085
NOX - Oxides of Nitrogen Tons/Yr:	121.6809
SOX - Oxides of Sulphur Tons/Yr:	24.362106
Particulate Matter Tons/Yr:	64.7786076
Part. Matter 10 Micrometers & Smllr Tons/Yr:	55.37719971
Year:	2005
County Code:	39
Air Basin:	SJV
Facility ID:	1026

THERMAL ENERGY DEV. CORP, LTD, 14800 W SCHULTE RD, TRACY, CA 95377 (Continued)

Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	184.8372299981340766
NOX - Oxides of Nitrogen Tons/Yr:	95.467259992618118
SOX - Oxides of Sulphur Tons/Yr:	19.18368900000751018
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2006
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	.5966391669095136290
Reactive Organic Gases Tons/Yr:	.26575982941347542
Carbon Monoxide Emissions Tons/Yr:	140.2750412644756324
NOX - Oxides of Nitrogen Tons/Yr:	108.1936237066579219
SOX - Oxides of Sulphur Tons/Yr:	10.79715250996449887
Particulate Matter Tons/Yr:	21.68871550469735757
Part. Matter 10 Micrometers & Smllr Tons/Yr:	21.32792802854161917
Year:	2007
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.785654178370045194
Reactive Organic Gases Tons/Yr:	.78684975236025181
Carbon Monoxide Emissions Tons/Yr:	69.63178802201651786
NOX - Oxides of Nitrogen Tons/Yr:	107.4263119663496361
SOX - Oxides of Sulphur Tons/Yr:	15.20338999681124632

THERMAL ENERGY DEV. CORP, LTD, 14800 W SCHULTE RD, TRACY, CA 95377 (Continued)

Particulate Matter Tons/Yr:	2.825438470935110942
Part. Matter 10 Micrometers & Smllr Tons/Yr:	2.57812587619862132
Year:	2008
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.314628328510431631
Reactive Organic Gases Tons/Yr:	.57901640010555088
Carbon Monoxide Emissions Tons/Yr:	95.34468260107383159
NOX - Oxides of Nitrogen Tons/Yr:	113.5845876021243634
SOX - Oxides of Sulphur Tons/Yr:	19.14139593000704794
Particulate Matter Tons/Yr:	3.061386150760343520
Part. Matter 10 Micrometers & Smllr Tons/Yr:	2.788695827557009657

THERMAL ENERGY DEVELOPMENT CORP 14800 W SCHULTE RD, TRACY, CA, 95378		1004441250
▲ A4	Target Property 127 ft. Above Sea Level	Other Standard Environmental Records

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AIRS (AFS): Other Standard Environmental Records

Compliance and Violation Data Major Sources:

EPA plant ID:	110041890255
Plant name:	THERMAL ENERGY DEVELOPMENT CORP
Plant address:	14800 W SCHULTE RD TRACY, CA 95378
County:	SAN JOAQUIN
Region code:	09
Dunn & Bradst #:	Not Reported
Air quality cntrl region:	031
Sic code:	4911
Sic code desc:	ELECTRIC SERVICES
North Am. industrial classf:	221122
NAIC code description:	Electric Power Distribution
Default compliance status:	IN VIOLATION - NO SCHEDULE
Default classification:	ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not Reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000215
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000215
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010531
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010531

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	000000000

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	011231
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	011231
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	020404
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020404
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	020617
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030116
Penalty amount:	000002400

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	030210
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	030331
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	030407
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030407
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	030407

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	030407
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	030529
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	030529
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	030804
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	030804
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030804
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030804
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	031021
Penalty amount:	000001200

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	031103
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	040212
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040212

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040309
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040309
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	040320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	040320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040320
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	040331
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040510
Penalty amount:	000004800

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	040521
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	040615
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040615

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040615
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	040615
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040621
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040621
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	040621
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	040621
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040630
Penalty amount:	000001200

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040630
Penalty amount:	000001200

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	040719
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	040719
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	040721

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040721
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	040721
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040721
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040914
Penalty amount:	000004800

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040914
Penalty amount:	000004800

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	040930
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	040930
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	041016
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	041016
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	041016
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	041016

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved:	041020
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	050316
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050316
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050316
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	050316
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	050316
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	050316
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050317
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	050317
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050317
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	050406

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	050406
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	050406
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050419
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050419
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	050512
Penalty amount:	000002400

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	050512
Penalty amount:	000002400

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	050601
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	050601
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	050822
Penalty amount:	000001200

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	050822
Penalty amount:	000001200

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	050901

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	050901
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051011
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051011
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060109
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060109
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	060127
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	060301
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	060301
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	060306
Penalty amount:	000011137

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	060306
Penalty amount:	000011137

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060313

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060313
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	060313
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	060321
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	060321
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060828
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060828
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060920
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060920
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	060925
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	061101
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	061101

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	061213
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	061213
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	061218
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	061218
Penalty amount:	000016879

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	061230
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	070110
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070118
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070118
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	070118
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070124
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070124

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	070130
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070201
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070201
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070321
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070321
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	070323
Penalty amount:	000000600

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	070404
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070404
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070404
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070419
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070419

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070518
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070518
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070904
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070904
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070904
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071016
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071016
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071227
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071227
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080124
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080124

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080129
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080129
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	080219
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / OFF-SITE
Date achieved:	080320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080320
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	080330
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080331
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080331
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080401
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080401

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080408
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080408
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080417
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080417
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080502
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	080502
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080502
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	080515
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080515
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080515
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	080520

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080603
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080603
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	080710
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080710
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080710
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080715
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080715
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	080716
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	080827
Penalty amount:	000000900
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	080827
Penalty amount:	000001350
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080923

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080923
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080929
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080929
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	081027
Penalty amount:	000006600

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	081027
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081106
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	081106
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081106
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081209
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081209
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081210

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081210
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081223
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081223
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	081226
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090105
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090105
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090129
Penalty amount:	000000900

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090206
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090206
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	090217
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	090219

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090219
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090219
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090305
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090305
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090310
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090310
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090311
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090311
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090721
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090721
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / OFF-SITE
Date achieved:	090721

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090723
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090723
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090812
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090812
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090922
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090922
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091006
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091006
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091030
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091030
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091118

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091118
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091123
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091123
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091125
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091125
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091214
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091214
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091215
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091215
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091230
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091230

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100104
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100104
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100107
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100107
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100108
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100108
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100126
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100126
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100127
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100127
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	100130

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	100130
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100201
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100201
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100203
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100203
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100208
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100208
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100209
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100209
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	100209
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100210

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100210
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100211
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100211
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100212
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100212
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100216
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100216
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100217
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100217
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100218
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100218

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100222
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100222
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100225
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100225
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	100308
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100308
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100308
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	100308
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100309
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100309
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100317

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100319
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100319
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100322
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100322
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100323
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100324
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100328
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100331
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100331
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100420
Penalty amount:	Not Reported

Air program:	NSR
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	100421

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	100421
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	100421
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100429
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100430
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100526
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100603
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100616
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100625
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100625
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100701
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100716

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100717
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100719
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100804
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100811
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	100811
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100811
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100818
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100818
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100818
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100818
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100901

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	000001400
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100901
Penalty amount:	000002700
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100901
Penalty amount:	000005500
Air program:	NSR
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	100917
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	100917
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	100917
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100928
Penalty amount:	000002100
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100928
Penalty amount:	000005500
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100928
Penalty amount:	000001400
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101013
Penalty amount:	000001400
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101013
Penalty amount:	000008000
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	101027

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount: Not Reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 101027
Penalty amount: Not Reported

Air program: NSR
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 101027
Penalty amount: Not Reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 101130
Penalty amount: Not Reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 101130
Penalty amount: Not Reported

Air program: SIP SOURCE
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 110128
Penalty amount: Not Reported

Air program: TITLE V PERMITS
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved: 110128
Penalty amount: Not Reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 110210
Penalty amount: Not Reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110213
Penalty amount: Not Reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110213
Penalty amount: Not Reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 110721
Penalty amount: Not Reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 110721

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110830
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110830
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110830
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	110830
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110901
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110901
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110902
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110908
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110908
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111011
Penalty amount:	Not Reported

Air program:	NSR
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	111011

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111011
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	111011
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	111011
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111014
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111014
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111020
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111020
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	111027
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	111027
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111027
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111027

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111028
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111028
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	111031
Penalty amount:	Not Reported

Air program:	NSR
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	111031
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	111031
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111117
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111117
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	111209
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120130
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120130
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120213

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120322
Penalty amount:	000001860

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	120423
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120509
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	120509
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120509
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120510
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120510
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120515
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120529

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120529
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120604
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120604
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120702
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120702
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120709
Penalty amount:	000000930

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120709
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	120709
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120709
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120716
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120716

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120718
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120718
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120724
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120724
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120726
Penalty amount:	000002640

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	120809
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120816
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120816
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120823
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120823
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120827

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120827
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120829
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120829
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120830
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120830
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	120919
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121023
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121023
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	121023
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121025
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121025

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121113
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121113
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121115
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	121115
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121115
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	121120
Penalty amount:	Not Reported
Air program:	NSPS
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	121120
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	FEDERAL DAY ZERO
Date achieved:	121121
Penalty amount:	Not Reported
Air program:	NSPS
National action type:	EPA NOV ISSUED
Date achieved:	121121
Penalty amount:	Not Reported
Air program:	NSPS
National action type:	FEDERAL DAY ZERO
Date achieved:	121121
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	EPA NOV ISSUED
Date achieved:	121121

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121127
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121127
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	121211
Penalty amount:	000001250
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121212
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121212
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121213
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121213
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121224
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121224
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121227
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121227

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130102
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130102
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	130129
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	130130
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	130130
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130201
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130201
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	113D APO PENALTY COLLECTED
Date achieved:	130221
Penalty amount:	000145000

Air program:	SIP SOURCE
National action type:	COMPL BY EPA, NO ACT REQ
Date achieved:	130221
Penalty amount:	000145000

Air program:	SIP SOURCE
National action type:	113 APO COMPLAINT FILED
Date achieved:	130221
Penalty amount:	000145000

Air program:	NSPS
National action type:	113D APO PENALTY COLLECTED
Date achieved:	130221

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	000145000

Air program:	NSPS
National action type:	COMPL BY EPA, NO ACT REQ
Date achieved:	130221
Penalty amount:	000145000

Air program:	NSPS
National action type:	113 APO COMPLAINT FILED
Date achieved:	130221
Penalty amount:	000145000

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	130418
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	130418
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130604
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130604
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	130604
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130610
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130610
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130611
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130611

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130617
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130617
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130620
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130620
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130701
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130701
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130715
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130715
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130717
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130717
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130826

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130826
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130913
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130913
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	970319
Penalty amount:	000000000

Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	970319
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	971014
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	971014
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	971015
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980225
Penalty amount:	000000000

Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980225
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980501

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Penalty amount:	000000250

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	980602
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	990120
Penalty amount:	000000000

Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	990120
Penalty amount:	000000000

Historical Compliance Minor Sources:

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	NSR

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	TITLE V PERMITS

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	NSR

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	TITLE V PERMITS

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	NSR

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	TITLE V PERMITS

State compliance status:	IN COMPLIANCE - INSPECTION

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	TITLE V PERMITS
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1204
Air prog code hist file:	NSPS
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1301
Air prog code hist file:	NSPS

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1302
Air prog code hist file:	NSPS
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1303
Air prog code hist file:	NSPS

Permit Information:

Compliance plant ID:	N1026
Permit number:	N-1026
Permit category:	V
Permit category desc:	TITLE V PERMIT - PLANT SP

Permit Source:

Compliance plant ID:	N1026
Plant name:	THERMAL ENERGY DEVELOPMENT CORP
Plant address:	14800 W SCHULTE RD TRACY, CA 95378

Event Information:

Compliance permit ID:	N1026
Permit number:	N-1026
Event action type:	IF
Event description:	*PERMIT AUTHORITY ISSUES FINAL PERMIT
Event action #:	001
Event date:	20011231

AIRS MINOR:

Compliance and Violation Data Major Sources:

EPA plant ID:	110041890255
Plant name:	THERMAL ENERGY DEVELOPMENT CORP
Plant address:	14800 W SCHULTE RD TRACY, CA 95378
County:	SAN JOAQUIN
Region code:	09
Dunn & Bradst #:	Not Reported
Air quality cntrl region:	031
Sic code:	4911
Sic code desc:	ELECTRIC SERVICES
North Am. industrial classf:	221122
NAIC code description:	Electric Power Distribution
Default compliance status:	IN VIOLATION - NO SCHEDULE
Default classification:	ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not Reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000215
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000215
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010531
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010531
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	011231
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	011231
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	020404
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020404
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	020617
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030116
Penalty amount:	000002400

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	030210
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	030331
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	030407
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030407
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	030407
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	030407
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	030529
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	030529
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	030804
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	030804
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030804
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030804
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	031021
Penalty amount:	000001200

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	031103
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	040212
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040212
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040309
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040309
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	040320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	040320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040320
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040320
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	040331
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040510
Penalty amount:	000004800

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	040521
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	040615
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040615
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040615
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	040615
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040621
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040621
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	040621
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	040621
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040630
Penalty amount:	000001200

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040630
Penalty amount:	000001200

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	040719
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	040719
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	040721
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040721
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	040721
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040721
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040914
Penalty amount:	000004800

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040914
Penalty amount:	000004800

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	040930
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	040930
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	041016
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	041016
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	041016
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	041016
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved:	041020
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	050316
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050316
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050316
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	050316
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	050316
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	050316
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050317
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	050317
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050317
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	050406
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	050406
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	050406
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050419
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050419
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	050512
Penalty amount:	000002400

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	050512
Penalty amount:	000002400

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	050601
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	050601
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	050822
Penalty amount:	000001200

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	050822
Penalty amount:	000001200

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	050901
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	050901
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051011
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051011
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060109
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060109
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	060127
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	060301
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	060301
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	060306
Penalty amount:	000011137

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	060306
Penalty amount:	000011137

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060313
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060313
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	060313
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	060321
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	060321
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060828
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060828
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060920
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060920
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	060925
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	061101
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	061101
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	061213
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	061213
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	061218
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	061218
Penalty amount:	000016879

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	061230
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	070110
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070118
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070118
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	070118
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070124
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070124
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	070130
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070201
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070201
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070321
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070321
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	070323
Penalty amount:	000000600

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	070404
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070404
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070404
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070419
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070419
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070518
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070518
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070904
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070904
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070904
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071016
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071016
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071227
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071227
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080124
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080124
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080129
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080129
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	080219
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / OFF-SITE
Date achieved:	080320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080320
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080320
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	080330
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080331
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080331
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080401
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080401
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080408
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080408
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080417
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080417
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080502
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	080502
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080502
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	080515
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080515
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080515
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	080520
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080603
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080603
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	080710
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080710
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080710
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080715
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080715
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	080716
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	080827
Penalty amount:	000000900

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	080827
Penalty amount:	000001350

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080923
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080923
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080929
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080929
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	081027
Penalty amount:	000006600

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	081027
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081106
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	081106
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081106
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081209
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081209
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081210
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081210
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081223
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081223
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	081226
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090105
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090105
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090129
Penalty amount:	000000900

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090206
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090206
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	090217
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	090219
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090219
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090219
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090305
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090305
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090310
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090310
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090311
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090311
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090721
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090721
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / OFF-SITE
Date achieved:	090721
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090723
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090723
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090812
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090812
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090922
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090922
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091006
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091006
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091030
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091030
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091118
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091118
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091123
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091123
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091125
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091125
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091214
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091214
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091215
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091215
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091230
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091230
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100104
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100104
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100107
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100107
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100108
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100108
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100126
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100126
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100127
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100127
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	100130
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	100130
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100201
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100201
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100203
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100203
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100208
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100208
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100209
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100209
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	100209
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100210
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100210
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100211
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100211
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100212
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100212
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100216
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100216
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100217
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100217
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100218
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100218
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100222
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100222
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100225
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100225
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	100308
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100308
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100308
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	100308
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100309
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100309
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100317
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100319
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100319
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100322
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100322
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100323
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100324
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100328
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100331
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100331
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100420
Penalty amount:	Not Reported

Air program:	NSR
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	100421
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	100421
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	100421
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100429
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100430
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100526
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100603
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100616
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100625
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100625
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100701
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100716
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100717
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100719
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100804
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100811
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	100811
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100811
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100818
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100818
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100818
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100818
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100901
Penalty amount:	000001400

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100901
Penalty amount:	000002700

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100901
Penalty amount:	000005500

Air program:	NSR
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	100917
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	100917
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	100917
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100928
Penalty amount:	000002100

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100928
Penalty amount:	000005500

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100928
Penalty amount:	000001400

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101013
Penalty amount:	000001400

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101013
Penalty amount:	000008000

Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	101027
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	101027
Penalty amount:	Not Reported

Air program:	NSR
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	101027
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	101130
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	101130
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	110128
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	110128
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	110210
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110213
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110213
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110721
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110721
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110830
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110830
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110830
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	110830
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110901
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110901
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 110902
Penalty amount: Not Reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110908
Penalty amount: Not Reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110908
Penalty amount: Not Reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111011
Penalty amount: Not Reported

Air program: NSR
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 111011
Penalty amount: Not Reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111011
Penalty amount: Not Reported

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 111011
Penalty amount: Not Reported

Air program: TITLE V PERMITS
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 111011
Penalty amount: Not Reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111014
Penalty amount: Not Reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111014
Penalty amount: Not Reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 111020
Penalty amount: Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111020
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	111027
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	111027
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111027
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111027
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111028
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111028
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	111031
Penalty amount:	Not Reported

Air program:	NSR
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	111031
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	111031
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111117
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111117
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	111209
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120130
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120130
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120213
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120320
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120322
Penalty amount:	000001860

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	120423
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120509
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	120509
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120509
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120510
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120510
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120515
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120529
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120529
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120604
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120604
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120702
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120702
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120709
Penalty amount:	000000930

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120709
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	120709
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120709
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120716
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120716
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120718
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120718
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120724
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120724
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120726
Penalty amount:	000002640

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	120809
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120816
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120816
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120823
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120823
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120827
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120827
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120829
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120829
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120830
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120830
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	120919
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121023
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121023
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	121023
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121025
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121025
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121113
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121113
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121115
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	121115
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121115
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	121120
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	NSPS
National action type:	EPA CONDUCTED PCE/ OFF-SITE
Date achieved:	121120
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	FEDERAL DAY ZERO
Date achieved:	121121
Penalty amount:	Not Reported

Air program:	NSPS
National action type:	EPA NOV ISSUED
Date achieved:	121121
Penalty amount:	Not Reported

Air program:	NSPS
National action type:	FEDERAL DAY ZERO
Date achieved:	121121
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	EPA NOV ISSUED
Date achieved:	121121
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121127
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121127
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	121211
Penalty amount:	000001250

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121212
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121212
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121213
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121213
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121224
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121224
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121227
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121227
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130102
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130102
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	130129
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	130130
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	130130
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130201
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130201
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	113D APO PENALTY COLLECTED
Date achieved:	130221
Penalty amount:	000145000

Air program:	SIP SOURCE
National action type:	COMPL BY EPA, NO ACT REQ
Date achieved:	130221
Penalty amount:	000145000

Air program:	SIP SOURCE
National action type:	113 APO COMPLAINT FILED
Date achieved:	130221
Penalty amount:	000145000

Air program:	NSPS
National action type:	113D APO PENALTY COLLECTED
Date achieved:	130221
Penalty amount:	000145000

Air program:	NSPS
National action type:	COMPL BY EPA, NO ACT REQ
Date achieved:	130221
Penalty amount:	000145000

Air program:	NSPS
National action type:	113 APO COMPLAINT FILED
Date achieved:	130221
Penalty amount:	000145000

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	130418
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	130418
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130604
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130604
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	130604
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130610
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130610
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130611
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130611
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130617
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130617
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130620
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130620
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130701
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130701
Penalty amount:	Not Reported

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130715
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130715
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130717
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130717
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130826
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130826
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130913
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130913
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	970319
Penalty amount:	000000000

Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	970319
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	971014
Penalty amount:	000000000

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	971014
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	971015
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980225
Penalty amount:	000000000

Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980225
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980501
Penalty amount:	000000250

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	980602
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	990120
Penalty amount:	000000000

Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	990120
Penalty amount:	000000000

Historical Compliance Minor Sources:

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	NSR

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	TITLE V PERMITS

State compliance status:	IN COMPLIANCE - INSPECTION

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	NSR

THERMAL ENERGY DEVELOPMENT CORP, 14800 W SCHULTE RD, TRACY, CA 95378 (Continued)

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	TITLE V PERMITS
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1204
Air prog code hist file:	NSPS
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1301
Air prog code hist file:	NSPS
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1302
Air prog code hist file:	NSPS
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1303
Air prog code hist file:	NSPS

Permit Information:

Compliance plant ID:	N1026
Permit number:	N-1026
Permit category:	V
Permit category desc:	TITLE V PERMIT - PLANT SP

Permit Source:

Compliance plant ID:	N1026
Plant name:	THERMAL ENERGY DEVELOPMENT CORP
Plant address:	14800 W SCHULTE RD TRACY, CA 95378

Event Information:

Compliance permit ID:	N1026
Permit number:	N-1026
Event action type:	IF
Event description:	*PERMIT AUTHORITY ISSUES FINAL PERMIT
Event action #:	001
Event date:	20011231

TRACY BIOMASS PLANT 14800 W. SCHULTE ROAD, TRACY, CA, 95376		1011839857
▲ A5	Target Property 127 ft. Above Sea Level	Other Standard Environmental Records

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Risk Management Plan (RMP) Facility Details: Other Standard Environmental Records

Facility ID:	3887
LEPC city:	None
Facility decimal latitude:	37.721667
Facility decimal longitude:	-121.491111
Is facility in county box:	T
LatLong method:	I1
LatLong description:	PG
Home page web address:	Not Reported
Facility telephone:	Not Reported
Facility email:	tracy_operators@sprynet.com
Facility DUNS #:	605609940
Parent's name:	TRACY OPERATORS
Partner's name:	Not Reported
Parent's DUNS #:	605609940
Partner's DUNS #:	0
Operator's name:	TRACY OPERATORS
Operator's telephone:	2098356914
Operator's address:	P.O. BOX 1209
Operators City,St,Zip:	TRACY, CA 95378 1209
RMP implementation contact:	BRIAN PILLITTERE
RMP contact title:	PLANT OPERATIONS SUPERINTENDENT
Emergency contact:	BRIAN PILLITTERE
Emergency contact title:	PLANT OPERATIONS SUPERINTENDENT
Emergency contact telephone:	2098356914
24 hour emergency telephone:	2098356914
Emergency contact ext/pin #:	Not Reported
Number of full time employees:	22
EPA ID:	CAL000042561
Facility ID provided by CEPPO:	100000048833
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	T
Clean air op. permit/State ID:	Not issued yet.
Last safety insp. dat:	1998-12-16 00:00:00
Inspected by:	State environmental agency
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	False
Submission type:	First Time

TRACY BIOMASS PLANT, 14800 W. SCHULTE ROAD, TRACY, CA 95376 (Continued)

RMP description:	Not Reported
Facility has no accident hist. recs:	True
Foreign owner's address:	Not Reported
Foreign owner's zip:	Not Reported
Foreign owner's country:	Not Reported
Claim # of employees as CBI:	False
Date RMP accepted by EPA:	1999-06-23 00:00:00
Date of error Report:	Not Reported
Date RMP received:	1999-06-17 00:00:00
Does RMP contain graphics files:	False
Does RMP contain attachments:	False
Was certification letter received:	True
RMP submission method:	RMP*Submit
Does RMP contain CBI substantiation:	False
Does RMP contain electronic waiver:	False
Date RMP postmarked:	1999-06-15 00:00:00
Is RMP complete:	True
Date of de-registration:	2003-05-20 00:00:00
Date de-registration is effective:	2003-04-25 00:00:00
Aniversary date:	2004-06-15 00:00:00
Does RMP contain CBI data:	False
Does RMP contain unsanitized CBI version:	False
RMP version #:	1.1.5
FRS latitude:	37.721800000000002
FRS longitude:	-121.50579999999999
FRS Description:	PLANT ENTRANCE (GENERAL)
FRS Method:	ADDRESS MATCHING-HOUSE NUMBER

Process Details:

Process ID:	4503
NA & Industry Classification Sys.code(s):	221119
NAICS code description:	Other Electric Power Generation
Optional facility description:	Not Reported
Program level:	3
Record contains CBI data:	False

Process chemical(s):

Chemical name:	Public OCA Chemical
Process chemical qty in 100s lbs:	0
Process flammable chemical name:	Not Reported

Process Toxic Alt. Releases:

Percent weight of chemical:	Not Reported
Physical state:	a
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not Reported
Quantity released in pounds:	Not Reported

TRACY BIOMASS PLANT, 14800 W. SCHULTE ROAD, TRACY, CA 95376 (Continued)

Release duration in minutes:	Not Reported
Release rate in pounds per second:	Not Reported
Wind speed in meters/second:	3
Stability class:	D
Topography:	b
Distance to endpoint in miles:	Not Reported
Residential population:	Not Reported
Public receptors:	Not Reported
Environmental receptors:	Not Reported
Passive mitigation:	Not Reported
Active mitigation:	Not Reported

Process Toxics Worst Case:

Percent weight of chemical:	Not Reported
Physical state:	a
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not Reported
Quantity released in pounds:	Not Reported
Release duration in minutes:	10
Release rate in pounds per second:	Not Reported
Wind speed in meters/second:	1.5
Stability class:	F
Topography:	b
Distance to endpoint in miles:	Not Reported
Residential population:	Not Reported
Public receptors:	Not Reported
Environmental receptors:	Not Reported
Passive mitigation:	Not Reported

Process Flammables Alt. Releases:

Endpoint used:	Not Reported
LFL value:	Not Reported
Analytical basic:	Not Reported
Scenario:	Not Reported
Quantity released in pounds:	Not Reported
Distance to endpoint in miles:	Not Reported
Residential population:	Not Reported
Public receptors:	Not Reported
Environmental receptors:	Not Reported
Passive mitigation:	Not Reported
Active mitigation:	Not Reported

Process Flammables Worst Case:

Analytical basic:	Not Reported
Quantity released in pounds:	Not Reported
Distance to endpoint in miles:	Not Reported
Residential population:	Not Reported
Public receptors:	Not Reported
Environmental receptors:	Not Reported
Passive mitigation:	Not Reported

TRACY BIOMASS PLANT, 14800 W. SCHULTE ROAD, TRACY, CA 95376 (Continued)

Safety review date:	Not Reported
Most recent PHA date:	Not Reported
Process Hazard Analysis:	Not Reported
Expected PHA changes completion date:	Not Reported
Major Hazard:	Not Reported
Process Control:	Not Reported
Mitigation Systems:	Not Reported
Monitoring/Detection:	Not Reported
Changes since the last process hazard analysis:	Not Reported
Most recent review of op. procedures:	Not Reported
Most recent training progs review/update:	Not Reported
Training:	Not Reported
Competency testing:	Not Reported
Most recent maintenance review date:	Not Reported
Most recent equipment inspection date:	Not Reported
Equipment tested:	Not Reported
Most recent changes by mgmt:	Not Reported
Date of most recent review/update:	Not Reported
Date of pre-start review:	Not Reported
Most recent compliance audit date:	Not Reported
Expected date of audit completion:	Not Reported
Most recent incident investigation:	Not Reported
Expected date of investigation changes:	Not Reported
Date of participation plan review:	Not Reported
Date of hot work permit review:	Not Reported
Date of contractor safety review:	Not Reported
Date of contractor safety eval. review:	Not Reported
Record has CBI data:	Not Reported
Safety review date:	Not Reported
Federal Regulation:	Not Reported
Federal regulation comment:	Not Reported
Major Hazard:	Not Reported
Process Control:	Not Reported
Mitigation Systems:	Not Reported
Monitoring/Detection:	Not Reported
Changes since the last process hazard analysis:	Not Reported
Most recent hazard review/update:	Not Reported
Most recent review of op. procedures:	Not Reported
Most recent training progs review/update:	Not Reported
Expected completion of review changes:	Not Reported
Training:	Not Reported
Competency testing:	Not Reported
Most recent maintenance review date:	Not Reported
Most recent equipment inspection date:	Not Reported

TRACY BIOMASS PLANT, 14800 W. SCHULTE ROAD, TRACY, CA 95376 (Continued)

Equipment tested:	Not Reported
Most recent compliance audit date:	Not Reported
Expected date of audit completion:	Not Reported
Most recent incident investigation:	Not Reported
Expected date of investigation changes:	Not Reported
Record has CBI data:	Not Reported
Date of most recent changes:	Not Reported
Chemical name:	Ammonia (anhydrous)
Process chemical qty in 100s lbs:	60000
Process flammable chemical name:	Not Reported

Process Toxic Alt. Releases:

Percent weight of chemical:	Not Reported
Physical state:	Not Reported
Analytical basic:	Not Reported
Scenario:	Not Reported
Quantity released in pounds:	Not Reported
Release duration in minutes:	Not Reported
Release rate in pounds per second:	Not Reported
Wind speed in meters/second:	Not Reported
Stability class:	Not Reported
Topography:	Not Reported
Distance to endpoint in miles:	Not Reported
Residential population:	Not Reported
Public receptors:	Not Reported
Environmental receptors:	Not Reported
Passive mitigation:	Not Reported
Active mitigation:	Not Reported

Process Toxics Worst Case:

Percent weight of chemical:	Not Reported
Physical state:	Not Reported
Analytical basic:	Not Reported
Scenario:	Not Reported
Quantity released in pounds:	Not Reported
Release duration in minutes:	Not Reported
Release rate in pounds per second:	Not Reported
Wind speed in meters/second:	Not Reported
Stability class:	Not Reported
Topography:	Not Reported
Distance to endpoint in miles:	Not Reported
Residential population:	Not Reported
Public receptors:	Not Reported
Environmental receptors:	Not Reported
Passive mitigation:	Not Reported

Process Flammables Alt. Releases:

Endpoint used:	Not Reported
LFL value:	Not Reported

TRACY BIOMASS PLANT, 14800 W. SCHULTE ROAD, TRACY, CA 95376 (Continued)

Analytical basic:	Not Reported
Scenario:	Not Reported
Quantity released in pounds:	Not Reported
Distance to endpoint in miles:	Not Reported
Residential population:	Not Reported
Public receptors:	Not Reported
Environmental receptors:	Not Reported
Passive mitigation:	Not Reported
Active mitigation:	Not Reported

Process Flammables Worst Case:

Analytical basic:	Not Reported
Quantity released in pounds:	Not Reported
Distance to endpoint in miles:	Not Reported
Residential population:	Not Reported
Public receptors:	Not Reported
Environmental receptors:	Not Reported
Passive mitigation:	Not Reported
Safety review date:	Not Reported
Most recent PHA date:	Not Reported
Process Hazard Analysis:	Not Reported
Expected PHA changes completion date:	Not Reported
Major Hazard:	Not Reported
Process Control:	Not Reported
Mitigation Systems:	Not Reported
Monitoring/Detection:	Not Reported
Changes since the last process hazard analysis:	Not Reported
Most recent review of op. procedures:	Not Reported
Most recent training progs review/update:	Not Reported
Training:	Not Reported
Competency testing:	Not Reported
Most recent maintenance review date:	Not Reported
Most recent equipment inspection date:	Not Reported
Equipment tested:	Not Reported
Most recent changes by mgmt:	Not Reported
Date of most recent review/update:	Not Reported
Date of pre-start review:	Not Reported
Most recent compliance audit date:	Not Reported
Expected date of audit completion:	Not Reported
Most recent incident investigation:	Not Reported
Expected date of investigation changes:	Not Reported
Date of participation plan review:	Not Reported
Date of hot work permit review:	Not Reported
Date of contractor safety review:	Not Reported
Date of contractor safety eval. review:	Not Reported
Record has CBI data:	Not Reported
Safety review date:	Not Reported

TRACY BIOMASS PLANT, 14800 W. SCHULTE ROAD, TRACY, CA 95376 (Continued)

Federal Regulation:	Not Reported
Federal regulation comment:	Not Reported
Major Hazard:	Not Reported
Process Control:	Not Reported
Mitigation Systems:	Not Reported
Monitoring/Detection:	Not Reported
Changes since the last process hazard analysis:	Not Reported
Most recent hazard review/update:	Not Reported
Most recent review of op. procedures:	Not Reported
Most recent training progs review/update:	Not Reported
Expected completion of review changes:	Not Reported
Training:	Not Reported
Competency testing:	Not Reported
Most recent maintenance review date:	Not Reported
Most recent equipment inspection date:	Not Reported
Equipment tested:	Not Reported
Most recent compliance audit date:	Not Reported
Expected date of audit completion:	Not Reported
Most recent incident investigation:	Not Reported
Expected date of investigation changes:	Not Reported
Record has CBI data:	Not Reported
Date of most recent changes:	Not Reported

Emergency Response Details:

ER plan:	Not Reported
ER plan most recent review date:	1999-01-07 00:00:00
ER plan most recent employee training date:	1999-01-22 00:00:00
Local agency coordinating ER plan:	TRACY FIRE DISTRICT
Telephone of the coordinating local agency:	2098351883
Federal regulation:	True
OSHA 1910 120:	True
SPCC:	True
RCRA:	True
OPA 90:	False
EPCRA:	True
Other Regulations:	Not Reported

THERMAL ENERGY DEVELOPMENT PARTNERSHIP, LP. 14800 W. SCHULTE RD., TRACY, CA, 95377		S113746475
▲ A6	Target Property 127 ft. Above Sea Level	Other Standard Environmental Records

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

EMI: Other Standard Environmental Records

Year:	2009
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.3146283285104301
Reactive Organic Gases Tons/Yr:	0.57901640010555
Carbon Monoxide Emissions Tons/Yr:	95.344682601073799
NOX - Oxides of Nitrogen Tons/Yr:	112.900267600522
SOX - Oxides of Sulphur Tons/Yr:	19.141395930007
Particulate Matter Tons/Yr:	3.0613861507603399
Part. Matter 10 Micrometers & Smllr Tons/Yr:	2.788695827557

Year:	2010
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.3146627590444599
Reactive Organic Gases Tons/Yr:	0.57902949999999997
Carbon Monoxide Emissions Tons/Yr:	95.344652001
NOX - Oxides of Nitrogen Tons/Yr:	112.90022500000001
SOX - Oxides of Sulphur Tons/Yr:	19.141393140000002
Particulate Matter Tons/Yr:	3.06133690463481
Part. Matter 10 Micrometers & Smllr Tons/Yr:	2.7886504620000001

TRACY BIOMASS PLANT 14800 WEST SCHULTE ROAD, TRACY, CA,		1016176194
▲ A7	Target Property 127 ft. Above Sea Level	Other Standard Environmental Records

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

FINDS: Other Standard Environmental Records

Registry ID: 110000511893

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US Emissions & Generation Resource Database (EGRID) contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States.

ELECTRIC GENERATOR

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA 14800 W SCHULTE RD, TRACY, CA, 95377		S113146527
▲ A8	Target Property 127 ft. Above Sea Level	Other Standard Environmental Records

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

HAZNET: Other Standard Environmental Records

Year:	2012
Gepaid:	CAL000316973
Contact:	JOGINDER S. KHALSA/PLANT ENGR
Telephone:	2098356914
Mailing Name:	Not Reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD980675276
TSD County:	Kern
Waste Category:	Not Reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	15.1704
Facility County:	San Joaquin

Year:	2012
Gepaid:	CAL000316973
Contact:	JOGINDER S. KHALSA/PLANT ENGR
Telephone:	2098356914
Mailing Name:	Not Reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	ARD069748192
TSD County:	99
Waste Category:	Not Reported
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.2825
Facility County:	San Joaquin

Year:	2012
Gepaid:	CAL000316973
Contact:	JOGINDER S. KHALSA/PLANT ENGR
Telephone:	2098356914
Mailing Name:	Not Reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD059494310

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA, 14800 W SCHULTE RD, TRACY, CA 95377 (Continued)

TSD County:	Santa Clara
Waste Category:	Not Reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.875
Facility County:	San Joaquin

Year:	2012
Gepaid:	CAL000316973
Contact:	JOGINDER S. KHALSA/PLANT ENGR
Telephone:	2098356914
Mailing Name:	Not Reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD980675276
TSD County:	Kern
Waste Category:	Not Reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	768.6336
Facility County:	San Joaquin

Year:	2012
Gepaid:	CAL000316973
Contact:	JOGINDER S. KHALSA/PLANT ENGR
Telephone:	2098356914
Mailing Name:	Not Reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Not Reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2525
Facility County:	San Joaquin

The CA_HAZNET database contains 21 additional records for this site. Please contact your EDR Account Executive for more information.

TRACY OPERATORS 14800 W. SCHULTE ROAD, TRACY, CA, 95376		S105940079
▲ A9	Target Property 127 ft. Above Sea Level	Other Standard Environmental Records

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

EMI: Other Standard Environmental Records

Year:	1990
County Code:	39
Air Basin:	SJV
Facility ID:	250
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	24
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	111
NOX - Oxides of Nitrogen Tons/Yr:	55
SOX - Oxides of Sulphur Tons/Yr:	29
Particulate Matter Tons/Yr:	24
Part. Matter 10 Micrometers & Smllr Tons/Yr:	20

Year:	1995
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	136
NOX - Oxides of Nitrogen Tons/Yr:	71
SOX - Oxides of Sulphur Tons/Yr:	14
Particulate Matter Tons/Yr:	40
Part. Matter 10 Micrometers & Smllr Tons/Yr:	32

TRACY OPERATORS, 14800 W. SCHULTE ROAD, TRACY, CA 95376 (Continued)

Year:	2008
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2009
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2010
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	0

TRACY OPERATORS, 14800 W. SCHULTE ROAD, TRACY, CA 95376 (Continued)

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

OWENS-BROCKWAY GLASS CONTAINER FACILITY** 14700 SHULTE RD W, TRACY, CA,			S106230473
▲ B10	SW <1/10	(0 ft. / 0 mi.)	State and tribal leaking storage tank lists
	2 ft. Higher Elevation	129 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

SLIC REG 5: State and tribal leaking storage tank lists

Region:	5
Facility Status:	Preliminary Assessment
Unit:	Facility is a Spill or site
Pollutant:	TPH
Lead Agency:	Not Reported
Date Filed:	10/04/02
Report Date:	/ /
Date Added:	Not Reported
Date Closed:	Not Reported

OWENS BROCKWAY GLASS 14700 W SCHULTE RD, TRACY, CA, 95376			1000319784
▲ B11	SW <1/10	(0 ft. / 0 mi.)	Federal RCRA generators list State and tribal leaking storage tank lists State and tribal registered storage tank lists Other Standard Environmental Records
	2 ft. Higher Elevation	129 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AIRS (AFS): Other Standard Environmental Records

Compliance and Violation Data Major Sources:

EPA plant ID:	110002798768
Plant name:	OWENS BROCKWAY GLASS
Plant address:	14700 W SCHULTE RD TRACY, CA 95376
County:	SAN JOAQUIN
Region code:	09
Dunn & Bradst #:	009146929
Air quality cntrl region:	031
Sic code:	3221
Sic code desc:	GLASS CONTAINERS
North Am. industrial classf:	327213
NAIC code description:	Glass Container Manufacturing
Default compliance status:	IN COMPLIANCE - INSPECTION
Default classification:	ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not Reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000308
Penalty amount:	000000000
Air program:	NSR
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000308
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000308
Penalty amount:	000000000
Air program:	PSD
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	000308
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	000906
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	000913
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	000913
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	001121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	001121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	010130
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved:	010404
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	010630
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	010630
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved:	010716
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	010727
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	010727
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	010816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	010816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010905
Penalty amount:	000000000
Air program:	NSR
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010905
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010905
Penalty amount:	000000000
Air program:	PSD
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010905
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	010911
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	010911
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	010923
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	010923
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	011004
Penalty amount:	000006000
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved:	011206
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	020221
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020408
Penalty amount:	000006000
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020408
Penalty amount:	000001500
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020410
Penalty amount:	000006000
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020411
Penalty amount:	000001500
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	020510
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	020722
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	020816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	021121
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	021121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	021121
Penalty amount:	Not Reported
Air program:	NSR
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	021121
Penalty amount:	Not Reported
Air program:	PSD
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	021121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	021208
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	021208
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	021218
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	021218
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030116
Penalty amount:	000002250
Air program:	TITLE V PERMITS
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	030116
Penalty amount:	000000300
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030128
Penalty amount:	000002684
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	030211
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	030218
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	030314
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030519
Penalty amount:	000002250
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030520
Penalty amount:	000002250
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030626
Penalty amount:	Not Reported
Air program:	PSD
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030626
Penalty amount:	Not Reported
Air program:	NSR
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030626
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030626
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	030703
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	030922
Penalty amount:	Not Reported
Air program:	NSR
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031002
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031002
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031002
Penalty amount:	Not Reported
Air program:	PSD
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031002
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	NSR
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	NSR
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	PSD
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	031003
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	PSD
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	NSR
National action type:	STATE DAY 0
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	PSD
National action type:	STATE DAY 0
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	NSR
National action type:	NXXXXX
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	PSD
National action type:	NXXXXX
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	NSR
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	040811
Penalty amount:	Not Reported
Air program:	PSD
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040811
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040811
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040811
Penalty amount:	Not Reported
Air program:	PSD
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040908
Penalty amount:	Not Reported
Air program:	NSR
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040908
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040908
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040908
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	050216
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	050512
Penalty amount:	000006000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	050512
Penalty amount:	000006000
Air program:	NSR
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	050512
Penalty amount:	000006000
Air program:	PSD
National action type:	NXXXXX
Date achieved:	050512
Penalty amount:	000006000
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	050607
Penalty amount:	Not Reported
Air program:	NSR
National action type:	SV RESOLVED
Date achieved:	050607
Penalty amount:	Not Reported
Air program:	PSD
National action type:	SV RESOLVED
Date achieved:	050607
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	050607
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	050812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050817
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050817
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	EPA CONDUCTED FCE / ON-SITE
Date achieved:	050830
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	EPA CONDUCTED FCE / ON-SITE
Date achieved:	050830
Penalty amount:	Not Reported
Air program:	CFC TRACKING
National action type:	EPA CONDUCTED FCE / ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	050830
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050830
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050830
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	050928
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	050928
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051128
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051128
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051229
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051229
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	060112
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	060112
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	060406
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060406
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060628
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060628
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	060817
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060824
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060824
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	060906
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	060906
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070425
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070425
Penalty amount:	Not Reported

Air program:	NSR
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	070619
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070619
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	070619
Penalty amount:	Not Reported
Air program:	PSD
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	070619
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070619
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070820
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070820
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070821
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	070821
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	070821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070822
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070822
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	071001
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	071001
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071016
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071016
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071127
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071127
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080331
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	080331
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080408
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080408
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080611
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080611
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080617
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080617
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080618
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080618
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	080620
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	080811
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	080814
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080814
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	080819
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080821
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / OFF-SITE
Date achieved:	080821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080916
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080916
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080923
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080923
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081002
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	081002
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081028
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081028
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081105
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081105
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081113
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081113
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081209
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081209
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	081215
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081230
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	081230
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090105
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090105
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090108
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	090108
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090122
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090122
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090318
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090318
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090323
Penalty amount:	000001275
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090402
Penalty amount:	000025290
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	090521
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	090626
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090722
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090722
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	090723
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090723
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090723
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090730
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / OFF-SITE
Date achieved:	090730
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090730
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	090803
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	090803
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090803
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090804
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090804
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090806
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090806
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090807
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090807
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090811
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090811
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	090812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090817
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090817
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	090820
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090827
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090827
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090904
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090904
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090915
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090915
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090917
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	090917
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090918
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090918
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090921
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090921
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090924
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090924
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090924
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	091105
Penalty amount:	000020250
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	091105
Penalty amount:	000009000
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091125
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	091125
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	091214
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	091217
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091223
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091223
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091224
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091224
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100104
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100104
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100105
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100105
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	100106
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100106
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100112
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100112
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100113
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100113
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100114
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100114
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100119
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100119
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	100121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100122
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100122
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100122
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100122
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100125
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100125
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100127
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100127
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100128
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100128
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	100201
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100201
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100211
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100211
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100216
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100216
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100302
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100302
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100305
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	100305
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100305
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	100305
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100402
Penalty amount:	000002250
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100423
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100429
Penalty amount:	000003500
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	100503
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100616
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	100706
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	100812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	100812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	100819
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	100902
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	100902
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100907
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100908
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100928
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101004
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101122
Penalty amount:	000002250
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101122
Penalty amount:	000004500
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	101220
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	101220
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101222
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	101222
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	110309
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110309
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	110327
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110421
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	110427
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110513
Penalty amount:	000000900
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110525
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	110619
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110718
Penalty amount:	000000650
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	110722
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110802
Penalty amount:	000003800
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	110809
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110809
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110809
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	110812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	110812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110817
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	110919
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110921
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110921
Penalty amount:	Not Reported
Air program:	NSR
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	111003
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	111003
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	111003
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111005
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111005
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	111121
Penalty amount:	000002588
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	111122
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	111213
Penalty amount:	000002250
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120202
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120202
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120215
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120215
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120222
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	120222
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120229
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120229
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	120329
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120403
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120403
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120507
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120507
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	120507
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120508
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120508
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	120515
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120531
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120531
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120705
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	120705
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120705
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120712
Penalty amount:	000013500
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120810
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120810
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	120830
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120905
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	120905
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120906
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120906
Penalty amount:	Not Reported
Air program:	NSR
National action type:	EPA INVESTIGATION CONDUCTED
Date achieved:	120921
Penalty amount:	Not Reported
Air program:	PSD
National action type:	Not Reported
Date achieved:	120921
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	EPA INVESTIGATION CONDUCTED
Date achieved:	120921
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	Not Reported
Date achieved:	120921
Penalty amount:	Not Reported
Air program:	NSR
National action type:	Not Reported
Date achieved:	120921
Penalty amount:	Not Reported
Air program:	PSD
National action type:	EPA INVESTIGATION CONDUCTED
Date achieved:	120921
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120925
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120925
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	121119
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121119
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121120
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121120
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	121207
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121210
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121210
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121211
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121211
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121212
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121212
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	121219
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121219
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	121224
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121227
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121227
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130102
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130102
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130110
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130110
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130114
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130114
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130128
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130128
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130129
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130129
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	130205
Penalty amount:	000004500
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130225
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130225
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130311
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130311
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130313
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130313
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130328
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130328
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	130408
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130416
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130416
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130417
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130417
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130424
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130424
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130507
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130507
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130520
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130520
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130521
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130521
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130610
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130610
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130617
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130617
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	130627
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130627
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130627
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130701
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130701
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130703
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130703
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130705
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130705
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130710
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130710
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130711
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130711
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130715
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130715
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130806
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130806
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	130813
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	130813
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130819
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130819
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	130822
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	130822
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130909
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130909
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130917
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130917
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130918
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130918
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130923
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130923
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970128
Penalty amount:	000000350
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	970225
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970313
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE DAY 0

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	970313
Penalty amount:	Not Reported
Air program:	NSR
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	970318
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970318
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	970318
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	970318
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	970318
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970521
Penalty amount:	000001000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970521
Penalty amount:	000000500
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970525
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	970610
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	980219
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	980219
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	980221
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	980221
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980221
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	980501
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980501
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980501
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	980506
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	980506
Penalty amount:	000000000
Air program:	NSR
National action type:	NXXXXX
Date achieved:	980506
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980506
Penalty amount:	000000000
Air program:	PSD
National action type:	PCE/OFF-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	980506
Penalty amount:	000000000
Air program:	PSD
National action type:	NXXXXX
Date achieved:	980506
Penalty amount:	000000000
Air program:	NSR
National action type:	PCE/OFF-SITE
Date achieved:	980506
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980520
Penalty amount:	000000000
Air program:	NSR
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980520
Penalty amount:	000000000
Air program:	PSD
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980520
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980520
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980716
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	980716
Penalty amount:	000000000
Air program:	NSR
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	990127
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	990127
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	990127
Penalty amount:	000000000

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	990819
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	991116
Penalty amount:	Not Reported

Historical Compliance Minor Sources:

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	NSR

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	TITLE V PERMITS

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	PSD

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	NSR

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	PSD

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	TITLE V PERMITS

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	NSR

State compliance status:	IN COMPLIANCE - INSPECTION

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Hist compliance date:	1103
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: PSD

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: TITLE V PERMITS

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1101
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1102
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1104
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1201
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1203
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1301
Air prog code hist file: CFC TRACKING

State compliance status: PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date: 1302
Air prog code hist file: CFC TRACKING

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	TITLE V PERMITS

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	PSD
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1004
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1103
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1202
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1204
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1303
Air prog code hist file:	CFC TRACKING

Permit Information:

Compliance plant ID:	N0593
Permit number:	N-0593
Permit category:	V
Permit category desc:	TITLE V PERMIT - PLANT SP

Permit Source:

Compliance plant ID:	N0593
Plant name:	OWENS BROCKWAY GLASS
Plant address:	14700 W SCHULTE RD TRACY, CA 95376

Event Information:

Compliance permit ID:	N0593
Permit number:	N-0593
Event action type:	IF
Event description:	*PERMIT AUTHORITY ISSUES FINAL PERMIT
Event action #:	001
Event date:	19980715

AIRS MINOR:

Compliance and Violation Data Major Sources:

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

EPA plant ID:	110002798768
Plant name:	OWENS BROCKWAY GLASS
Plant address:	14700 W SCHULTE RD TRACY, CA 95376
County:	SAN JOAQUIN
Region code:	09
Dunn & Bradst #:	009146929
Air quality cntrl region:	031
Sic code:	3221
Sic code desc:	GLASS CONTAINERS
North Am. industrial classf:	327213
NAIC code description:	Glass Container Manufacturing
Default compliance status:	IN COMPLIANCE - INSPECTION
Default classification:	ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not Reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000308
Penalty amount:	000000000
Air program:	NSR
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000308
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000308
Penalty amount:	000000000
Air program:	PSD
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	000308
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	000906
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	000913
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	000913
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	001121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	001121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	010130
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved:	010404
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	010630
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	010630
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved:	010716
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	010727
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	010727
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	010816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	010816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010905
Penalty amount:	000000000
Air program:	NSR
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010905
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010905
Penalty amount:	000000000
Air program:	PSD
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	010905
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	010911
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	010911
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	010923
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	010923
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	011004
Penalty amount:	000006000
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved:	011206
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	020221
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020408
Penalty amount:	000006000
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020408
Penalty amount:	000001500
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020410
Penalty amount:	000006000
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020411
Penalty amount:	000001500
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	020510
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	020722
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	020816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	021121
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	021121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	021121
Penalty amount:	Not Reported
Air program:	NSR
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	021121
Penalty amount:	Not Reported
Air program:	PSD
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	021121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	021208
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	021208
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	021218
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	021218
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030116
Penalty amount:	000002250
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030116
Penalty amount:	000000300
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030128
Penalty amount:	000002684
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	030211
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	030218
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	030314
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030519
Penalty amount:	000002250

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	030520
Penalty amount:	000002250

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030626
Penalty amount:	Not Reported

Air program:	PSD
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030626
Penalty amount:	Not Reported

Air program:	NSR
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030626
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030626
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	030703
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	030922
Penalty amount:	Not Reported

Air program:	NSR
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031002
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	031002
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031002
Penalty amount:	Not Reported
Air program:	PSD
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031002
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	NSR
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	NSR
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	PSD
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	PSD
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	031003
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	040706
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	NSR
National action type:	STATE DAY 0
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	PSD
National action type:	STATE DAY 0
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	NSR
National action type:	NXXXXX
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	PSD
National action type:	NXXXXX
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	040706
Penalty amount:	Not Reported
Air program:	NSR
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040811
Penalty amount:	Not Reported
Air program:	PSD
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040811
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040811
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	040811
Penalty amount:	Not Reported
Air program:	PSD
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040908
Penalty amount:	Not Reported
Air program:	NSR
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040908
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040908
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040908
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	050216
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	050512
Penalty amount:	000006000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	050512
Penalty amount:	000006000
Air program:	NSR
National action type:	NXXXXX
Date achieved:	050512
Penalty amount:	000006000
Air program:	PSD
National action type:	NXXXXX
Date achieved:	050512
Penalty amount:	000006000
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	050607
Penalty amount:	Not Reported
Air program:	NSR
National action type:	SV RESOLVED

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	050607
Penalty amount:	Not Reported
Air program:	PSD
National action type:	SV RESOLVED
Date achieved:	050607
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	050607
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	050812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050817
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050817
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	EPA CONDUCTED FCE / ON-SITE
Date achieved:	050830
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	EPA CONDUCTED FCE / ON-SITE
Date achieved:	050830
Penalty amount:	Not Reported
Air program:	CFC TRACKING
National action type:	EPA CONDUCTED FCE / ON-SITE
Date achieved:	050830
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050830
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050830
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE INVESTIGATION CONDUCTED

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	050928
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	050928
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051128
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051128
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051229
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	051229
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	060112
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	060112
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060406
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060406
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060628
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	060628
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	060817
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060824
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	060824
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	060906
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE INVESTIGATION CONDUCTED
Date achieved:	060906
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070425
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070425
Penalty amount:	Not Reported
Air program:	NSR
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	070619
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070619
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	070619
Penalty amount:	Not Reported
Air program:	PSD
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	070619
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070619
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070816
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070820
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070820
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070821
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070821
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	070821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070822
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	070822
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	071001
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	071001
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071016
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071016
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071127
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	071127
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080331
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080331
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080408
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080408
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	080611
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080611
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080617
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080617
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080618
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080618
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	080620
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	080811
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080814
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080814
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	080819
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	080821
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / OFF-SITE
Date achieved:	080821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080916
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080916
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080923
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080923
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081002
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081002
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081028
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081028
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	081105
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081105
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081113
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081113
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081209
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081209
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	081215
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081230
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	081230
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090105
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090105
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	090108
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	090108
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090122
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090122
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090318
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090318
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090323
Penalty amount:	000001275
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090402
Penalty amount:	000025290
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	090521
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	090626
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090722
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	090722
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	090723
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090723
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090723
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090730
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / OFF-SITE
Date achieved:	090730
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090730
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	090803
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090803
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090803
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090804
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	090804
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090806
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090806
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090807
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090807
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090811
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090811
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090817
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090817
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	090820
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090827
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090827
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090904
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090904
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090915
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090915
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090917
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090917
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090918
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090918
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	090921
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090921
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090924
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090924
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090924
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	091105
Penalty amount:	000020250
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	091105
Penalty amount:	000009000
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091125
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091125
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	091214
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	091217
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	091223
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091223
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091224
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	091224
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100104
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100104
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100105
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100105
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100106
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100106
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100112
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	100112
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100113
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100113
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100114
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100114
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100119
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100119
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100121
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100122
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100122
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	100122
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100122
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100125
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100125
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100127
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100127
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100128
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100128
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100201
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100201
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100211
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	100211
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100216
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100216
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100302
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100302
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100305
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	100305
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100305
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100305
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100402
Penalty amount:	000002250
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100423
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	100429
Penalty amount:	000003500
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	100503
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100616
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	100706
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	100812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	100812
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	100819
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	100902
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	100902
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	100907
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	100908
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	100928
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101004
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101122
Penalty amount:	000002250
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101122
Penalty amount:	000004500
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	101220
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	101220
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	101222
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	101222
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110309
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110309
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	110327
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	110421
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	110427
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110513
Penalty amount:	000000900
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110525
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	110619
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110718
Penalty amount:	000000650
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	110722
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110802
Penalty amount:	000003800
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110809
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110809
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110809
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	110812
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	110812
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	110817
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	110919
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110921
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110921
Penalty amount:	Not Reported

Air program:	NSR
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	111003
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	111003
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	111003
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111005
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	111005
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	111121
Penalty amount:	000002588
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	111122
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	111213
Penalty amount:	000002250
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120202
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120202
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120215
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120215
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120222
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120222
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120229
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120229
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	120329
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120403
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120403
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120507
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120507
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	120507
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120508
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120508
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120515
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120531
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120531
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	120705
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	120705
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120705
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	120712
Penalty amount:	000013500

Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120810
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120810
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	120830
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120905
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120905
Penalty amount:	Not Reported

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120906
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120906
Penalty amount:	Not Reported

Air program:	NSR
National action type:	EPA INVESTIGATION CONDUCTED

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	120921
Penalty amount:	Not Reported
Air program:	PSD
National action type:	Not Reported
Date achieved:	120921
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	EPA INVESTIGATION CONDUCTED
Date achieved:	120921
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	Not Reported
Date achieved:	120921
Penalty amount:	Not Reported
Air program:	NSR
National action type:	Not Reported
Date achieved:	120921
Penalty amount:	Not Reported
Air program:	PSD
National action type:	EPA INVESTIGATION CONDUCTED
Date achieved:	120921
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120925
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120925
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121119
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121119
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121120
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	121120
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	121207
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121210
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121210
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121211
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121211
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121212
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121212
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121219
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121219
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	121224
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	121227
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	121227
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130102
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130102
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130110
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130110
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130114
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130114
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130128
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130128
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130129
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130129
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	130205
Penalty amount:	000004500
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130225
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130225
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130311
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130311
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130313
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130313
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130328
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130328
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	130408
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130416
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130416
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130417
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130417
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130424
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130424
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130507
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130507
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130520
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130520
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130521
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130521
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130610
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130610
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130617
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130617
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	130627
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130627
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130627
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130701
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130701
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130703
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130703
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130705
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130705
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130710
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130710
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130711
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130711
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130715
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130715
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130806
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130806
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130813
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	130813
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130819
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130819
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130821
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	130822
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	130822
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130909
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130909
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130917
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	130917
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130918
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130918
Penalty amount:	Not Reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130923
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	130923
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970128
Penalty amount:	000000350
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	970225
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970313
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	970313
Penalty amount:	Not Reported
Air program:	NSR
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	970318
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970318
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	970318
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	970318
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	970318
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970521
Penalty amount:	000001000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970521
Penalty amount:	000000500
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	970525
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	970610
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	980219
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980219
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	980221
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	980221
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	NXXXXX

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	980221
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	980501
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980501
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980501
Penalty amount:	Not Reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	980506
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	980506
Penalty amount:	000000000
Air program:	NSR
National action type:	NXXXXX
Date achieved:	980506
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980506
Penalty amount:	000000000
Air program:	PSD
National action type:	PCE/OFF-SITE
Date achieved:	980506
Penalty amount:	000000000
Air program:	PSD
National action type:	NXXXXX
Date achieved:	980506
Penalty amount:	000000000
Air program:	NSR
National action type:	PCE/OFF-SITE
Date achieved:	980506
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date achieved:	980520
Penalty amount:	000000000

Air program:	NSR
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980520
Penalty amount:	000000000

Air program:	PSD
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980520
Penalty amount:	000000000

Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980520
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	980716
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	980716
Penalty amount:	000000000

Air program:	NSR
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	990127
Penalty amount:	000000000

Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	990127
Penalty amount:	000000000

Air program:	TITLE V PERMITS
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	990127
Penalty amount:	000000000

Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	990819
Penalty amount:	Not Reported

Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	991116
Penalty amount:	Not Reported

Historical Compliance Minor Sources:

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Hist compliance date:	1201
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	TITLE V PERMITS
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1101
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1102
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1104
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1201
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1203
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1301
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1302
Air prog code hist file:	CFC TRACKING
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	NSR

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	PSD
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	NSR
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	PSD
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1004
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1103
Air prog code hist file:	CFC TRACKING

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1202
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1204
Air prog code hist file:	CFC TRACKING
State compliance status:	PRESENT, SEE OTHER PROGRAM(S)
Hist compliance date:	1303
Air prog code hist file:	CFC TRACKING

Permit Information:

Compliance plant ID:	N0593
Permit number:	N-0593
Permit category:	V
Permit category desc:	TITLE V PERMIT - PLANT SP

Permit Source:

Compliance plant ID:	N0593
Plant name:	OWENS BROCKWAY GLASS
Plant address:	14700 W SCHULTE RD TRACY, CA 95376

Event Information:

Compliance permit ID:	N0593
Permit number:	N-0593
Event action type:	IF
Event description:	*PERMIT AUTHORITY ISSUES FINAL PERMIT
Event action #:	001
Event date:	19980715

RCRA-LQG: Federal RCRA generators list

Date form received by agency:	03/05/2012
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Facility address:	14700 WEST SCHULTE RD TRACY, CA 953778628
EPA ID:	CAD009146929
Mailing address:	WEST SCHULTE RD TRACY, CA 953778628
Contact:	LISA MENDOZA
Contact address:	WEST SCHULTE RD TRACY, CA 95377
Contact country:	US
Contact telephone:	(209) 836-8269
Contact email:	LISA.MENDOZA@O-I.COM
EPA Region:	09

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	OWENS - BROCKWAY GLASS CONTAINER INC
Owner/operator address:	WEST SCHULTE RD TRACY, CA 95377
Owner/operator country:	Not Reported
Owner/operator telephone:	(209) 836-8200
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/15/1961
Owner/Op end date:	Not Reported
Owner/operator name:	OWENS BROCKWAY GLASS CONTAINERS
Owner/operator address:	Not Reported
Owner/operator country:	US
Owner/operator telephone:	Not Reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/15/1961
Owner/Op end date:	Not Reported
Owner/operator name:	OWENS-ILLINOIS GLASS CONTAINERS
Owner/operator address:	ONE SEAGATE PLAZA TOLEDO, OH 43666
Owner/operator country:	US
Owner/operator telephone:	Not Reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/15/1961
Owner/Op end date:	Not Reported
Owner/operator name:	OWENS BROCKWAY GLASS CONTAI
Owner/operator address:	1 SEGATE TOLEDO, OH 43666
Owner/operator country:	Not Reported
Owner/operator telephone:	(419) 247-5000
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not Reported
Owner/Op end date:	Not Reported
Owner/operator name:	OWENS - BROCKWAY GLASS CONTAINER INC

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Owner/operator address:	MICHAEL OWENS WAY PERRYSBURG, OH 43551
Owner/operator country:	Not Reported
Owner/operator telephone:	(567) 336-5000
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/15/1961
Owner/Op end date:	Not Reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	06/15/2010
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWENS-BROCKWAY GLASS CONTAINER
Classification:	Large Quantity Generator
Date form received by agency:	02/29/2008
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWENS-BROCKWAY GLASS CONTAINER
Classification:	Large Quantity Generator
Date form received by agency:	02/27/2006
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWNS-BROCKWAY GLASS CONTAINER
Classification:	Small Quantity Generator
Date form received by agency:	02/27/2006
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWNS-BROCKWAY GLASS CONTAINER
Classification:	Large Quantity Generator
Date form received by agency:	02/25/2004
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWENS-BROCKWAY GLASS CONTAINERS INC
Classification:	Large Quantity Generator

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Date form received by agency:	02/14/2002
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWENS-BROCKWAY GLASS CONTAINER INC
Classification:	Large Quantity Generator
Date form received by agency:	02/11/1998
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWENS-ILLINOIS GLASS CONTAINER
Classification:	Large Quantity Generator
Date form received by agency:	09/01/1996
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWENS-ILLINOIS GLASS CONTAINER
Classification:	Large Quantity Generator
Date form received by agency:	03/30/1996
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWENS-ILLINOIS GLASS CONTAINER
Classification:	Large Quantity Generator
Date form received by agency:	03/15/1994
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWENS ILLINOIS GLASS CONTAINER
Classification:	Large Quantity Generator
Date form received by agency:	02/18/1992
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWENS-ILLINOIS GLASS CONTAINER
Classification:	Large Quantity Generator
Date form received by agency:	04/12/1990
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWENS-ILLINOIS GLASS CONTAINER INC
Classification:	Large Quantity Generator
Date form received by agency:	08/15/1980
Facility name:	OWENS - BROCKWAY GLASS CONTAINER INC
Site name:	OWENS-ILLINOIS GLASS CONTAINER
Classification:	Large Quantity Generator

Hazardous Waste Summary:

Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Waste code:	D002

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Waste code:	D006
Waste name:	CADMIUM
Waste code:	D007
Waste name:	CHROMIUM
Waste code:	D008
Waste name:	LEAD
Waste code:	D010
Waste name:	SELENIUM
Waste code:	D035
Waste name:	METHYL ETHYL KETONE
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	F005
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Waste code:	D007
Waste name:	CHROMIUM
Waste code:	D008
Waste name:	LEAD

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs):	5359.6
Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs):	23759.7
Waste code:	D006
Waste name:	CADMIUM
Amount (Lbs):	471140
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	471140
Waste code:	D008
Waste name:	LEAD
Amount (Lbs):	471140
Waste code:	D010
Waste name:	SELENIUM
Amount (Lbs):	467040
Waste code:	D035
Waste name:	METHYL ETHYL KETONE
Amount (Lbs):	884.5
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	650
Waste code:	F005

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	884.5

Facility Has Received Notices of Violations:

Regulation violated:	Not Reported
Area of violation:	Generators - General
Date violation determined:	01/08/2004
Date achieved compliance:	02/05/2004
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	01/08/2004
Enf. disposition status:	Not Reported
Enf. disp. status date:	Not Reported
Enforcement lead agency:	State
Proposed penalty amount:	Not Reported
Final penalty amount:	Not Reported
Paid penalty amount:	Not Reported

Regulation violated:	Not Reported
Area of violation:	Generators - Records/Reporting
Date violation determined:	04/29/1993
Date achieved compliance:	08/20/1993
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	04/29/1993
Enf. disposition status:	Not Reported
Enf. disp. status date:	Not Reported
Enforcement lead agency:	State
Proposed penalty amount:	Not Reported
Final penalty amount:	Not Reported
Paid penalty amount:	Not Reported

Regulation violated:	Not Reported
Area of violation:	Generators - General
Date violation determined:	04/29/1993
Date achieved compliance:	08/20/1993
Violation lead agency:	State
Enforcement action:	INITIAL 3008(A) COMPLIANCE
Enforcement action date:	07/23/1993
Enf. disposition status:	Not Reported
Enf. disp. status date:	Not Reported
Enforcement lead agency:	State
Proposed penalty amount:	1600
Final penalty amount:	1600
Paid penalty amount:	Not Reported

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Regulation violated:	Not Reported
Area of violation:	Generators - Pre-transport
Date violation determined:	04/29/1993
Date achieved compliance:	08/20/1993
Violation lead agency:	State
Enforcement action:	INITIAL 3008(A) COMPLIANCE
Enforcement action date:	07/23/1993
Enf. disposition status:	Not Reported
Enf. disp. status date:	Not Reported
Enforcement lead agency:	State
Proposed penalty amount:	1600
Final penalty amount:	1600
Paid penalty amount:	Not Reported

Regulation violated:	Not Reported
Area of violation:	Generators - Records/Reporting
Date violation determined:	04/29/1993
Date achieved compliance:	08/20/1993
Violation lead agency:	State
Enforcement action:	INITIAL 3008(A) COMPLIANCE
Enforcement action date:	07/23/1993
Enf. disposition status:	Not Reported
Enf. disp. status date:	Not Reported
Enforcement lead agency:	State
Proposed penalty amount:	1600
Final penalty amount:	1600
Paid penalty amount:	Not Reported

Regulation violated:	Not Reported
Area of violation:	Generators - General
Date violation determined:	04/29/1993
Date achieved compliance:	08/20/1993
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	04/29/1993
Enf. disposition status:	Not Reported
Enf. disp. status date:	Not Reported
Enforcement lead agency:	State
Proposed penalty amount:	Not Reported
Final penalty amount:	Not Reported
Paid penalty amount:	Not Reported

Regulation violated:	Not Reported
Area of violation:	Generators - Pre-transport
Date violation determined:	04/29/1993
Date achieved compliance:	08/20/1993
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	04/29/1993
Enf. disposition status:	Not Reported
Enf. disp. status date:	Not Reported

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Enforcement lead agency:	State
Proposed penalty amount:	Not Reported
Final penalty amount:	Not Reported
Paid penalty amount:	Not Reported

Evaluation Action Summary:

Evaluation date:	01/08/2004
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	02/05/2004
Evaluation lead agency:	State Contractor/Grantee

Evaluation date:	03/18/1993
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not Reported
Date achieved compliance:	Not Reported
Evaluation lead agency:	State

Evaluation date:	03/17/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Records/Reporting
Date achieved compliance:	08/20/1993
Evaluation lead agency:	State

Evaluation date:	03/17/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	08/20/1993
Evaluation lead agency:	State

Evaluation date:	03/17/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	08/20/1993
Evaluation lead agency:	State

TRIS: Other Standard Environmental Records

The US_TRIS database contains 1 additional records for this site. Please contact your EDR Account Executive for more information.

ENF: Other Standard Environmental Records

Region:	5S
Facility Id:	246365
Agency Name:	Owens-Brockway
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.7209
Place Longitude:	-121.49205
SIC Code 1:	3221

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

SIC Desc 1:	Glass Containers
SIC Code 2:	Not Reported
SIC Desc 2:	Not Reported
SIC Code 3:	Not Reported
SIC Desc 3:	Not Reported
NAICS Code 1:	Not Reported
NAICS Desc 1:	Not Reported
NAICS Code 2:	Not Reported
NAICS Desc 2:	Not Reported
NAICS Code 3:	Not Reported
NAICS Desc 3:	Not Reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.038
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Not Reported
Facility Waste Type 2:	Not Reported
Facility Waste Type 3:	Not Reported
Facility Waste Type 4:	Not Reported
Program:	WDR
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	5B392023001
Reg Measure Id:	147727
Reg Measure Type:	WDR
Region:	5S
Order #:	5-00-056
Npdes# CA#:	Not Reported
Major-Minor:	Not Reported
Npdes Type:	Not Reported
Reclamation:	N - No
Dredge Fill Fee:	Not Reported
301H:	Not Reported
Application Fee Amt Received:	Not Reported
Status:	Active
Status Date:	08/19/2010
Effective Date:	03/17/2000
Expiration/Review Date:	03/17/2010
Termination Date:	Not Reported
WDR Review - Amend:	Not Reported
WDR Review - Revise/Renew:	Not Reported
WDR Review - Rescind:	Not Reported
WDR Review - No Action Required:	Not Reported
WDR Review - Pending:	Not Reported
WDR Review - Planned:	Not Reported
Status Enrollee:	N
Individual/General:	I

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	380498
Region:	5S
Order / Resolution Number:	Not Reported
Enforcement Action Type:	Notice of Violation
Effective Date:	06/15/2011
Adoption/Issuance Date:	06/15/2011
Achieve Date:	Not Reported
Termination Date:	06/15/2011
ACL Issuance Date:	Not Reported
EPL Issuance Date:	Not Reported
Status:	Historical
Title:	NOV 06/15/2011 for Owens-Brockway
Description:	During recent inspection staff instructed that Owens Brockway staff samples process wastewater for specific conductivity prior to discharging the water into the wastewater ponds. In addition to that, only one of two nested wells has been sampled on a quarterly basis which is in violation of MRP
Program:	WDR
Latest Milestone Completion Date:	Not Reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Region:	5S
Facility Id:	246365
Agency Name:	Owens-Brockway
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.7209
Place Longitude:	-121.49205
SIC Code 1:	3221
SIC Desc 1:	Glass Containers
SIC Code 2:	Not Reported
SIC Desc 2:	Not Reported
SIC Code 3:	Not Reported
SIC Desc 3:	Not Reported
NAICS Code 1:	Not Reported
NAICS Desc 1:	Not Reported

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

NAICS Code 2:	Not Reported
NAICS Desc 2:	Not Reported
NAICS Code 3:	Not Reported
NAICS Desc 3:	Not Reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.038
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Not Reported
Facility Waste Type 2:	Not Reported
Facility Waste Type 3:	Not Reported
Facility Waste Type 4:	Not Reported
Program:	WDR
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	5B392023001
Reg Measure Id:	147727
Reg Measure Type:	WDR
Region:	5S
Order #:	5-00-056
Npdes# CA#:	Not Reported
Major-Minor:	Not Reported
Npdes Type:	Not Reported
Reclamation:	N - No
Dredge Fill Fee:	Not Reported
301H:	Not Reported
Application Fee Amt Received:	Not Reported
Status:	Active
Status Date:	08/19/2010
Effective Date:	03/17/2000
Expiration/Review Date:	03/17/2010
Termination Date:	Not Reported
WDR Review - Amend:	Not Reported
WDR Review - Revise/Renew:	Not Reported
WDR Review - Rescind:	Not Reported
WDR Review - No Action Required:	Not Reported
WDR Review - Pending:	Not Reported
WDR Review - Planned:	Not Reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	331171
Region:	5S
Order / Resolution Number:	Not Reported
Enforcement Action Type:	Notice of Violation
Effective Date:	08/23/2007

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Adoption/Issuance Date:	Not Reported
Achieve Date:	Not Reported
Termination Date:	08/23/2007
ACL Issuance Date:	Not Reported
EPL Issuance Date:	Not Reported
Status:	Historical
Title:	NOV 08/23/2007 for Owens-Brockway, Owens-Illinois Glass Furnace
Description:	NOV sent for late monitoring reports, failure to submit some wastewater monitoring data for domestic and process wastewater, and violations of E.C. and GW limits.
Program:	WDR
Latest Milestone Completion Date:	Not Reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Region:	5S
Facility Id:	246365
Agency Name:	Owens-Brockway
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.7209
Place Longitude:	-121.49205
SIC Code 1:	3221
SIC Desc 1:	Glass Containers
SIC Code 2:	Not Reported
SIC Desc 2:	Not Reported
SIC Code 3:	Not Reported
SIC Desc 3:	Not Reported
NAICS Code 1:	Not Reported
NAICS Desc 1:	Not Reported
NAICS Code 2:	Not Reported
NAICS Desc 2:	Not Reported
NAICS Code 3:	Not Reported
NAICS Desc 3:	Not Reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.038
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Not Reported

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Facility Waste Type 2:	Not Reported
Facility Waste Type 3:	Not Reported
Facility Waste Type 4:	Not Reported
Program:	WDR
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	5B392023001
Reg Measure Id:	147727
Reg Measure Type:	WDR
Region:	5S
Order #:	5-00-056
Npdes# CA#:	Not Reported
Major-Minor:	Not Reported
Npdes Type:	Not Reported
Reclamation:	N - No
Dredge Fill Fee:	Not Reported
301H:	Not Reported
Application Fee Amt Received:	Not Reported
Status:	Active
Status Date:	08/19/2010
Effective Date:	03/17/2000
Expiration/Review Date:	03/17/2010
Termination Date:	Not Reported
WDR Review - Amend:	Not Reported
WDR Review - Revise/Renew:	Not Reported
WDR Review - Rescind:	Not Reported
WDR Review - No Action Required:	Not Reported
WDR Review - Pending:	Not Reported
WDR Review - Planned:	Not Reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	242114
Region:	5S
Order / Resolution Number:	Not Reported
Enforcement Action Type:	Notice of Violation
Effective Date:	08/19/2003
Adoption/Issuance Date:	08/19/2003
Achieve Date:	Not Reported
Termination Date:	08/19/2003
ACL Issuance Date:	Not Reported
EPL Issuance Date:	Not Reported
Status:	Historical
Title:	NOV 07/03/2001 for OWENS-BROCKWAY, OWENS-ILLINOIS GLASS FURNACE
Description:	NOV issued for low freeboard readings and high SC readings.
Program:	WDR
Latest Milestone Completion Date:	Not Reported
# Of Programs1:	1

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

LUST: State and tribal leaking storage tank lists

Region:	STATE
Global Id:	T0607700651
Latitude:	37.7200741
Longitude:	-121.4786183
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/17/2002
Lead Agency:	SAN JOAQUIN COUNTY LOP
Case Worker:	Not Reported
Local Agency:	Not Reported
RB Case Number:	390822
LOC Case Number:	0000849
File Location:	Not Reported
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not Reported
Click here to access the California GeoTracker records for this facility:	http://www.web.edrnet.com/ordering/switchboard/redirect.aspx?s=GRR_CA_LUST_ST&global_id=T0607700651

Contact:

Global Id:	T0607700651
Contact Type:	Regional Board Caseworker
Contact Name:	JAMES BARTON
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5S)
Address:	11020 SUN CENTER DRIVE #200
City:	RANCHO CORDOVA
Email:	jbarton@waterboards.ca.gov
Phone Number:	Not Reported

Status History:

Global Id:	T0607700651
Status:	Open - Case Begin Date
Status Date:	05/07/1986

Global Id:	T0607700651
Status:	Completed - Case Closed
Status Date:	06/17/2002

Regulatory Activities:

Global Id:	T0607700651

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0607700651
Action Type:	ENFORCEMENT
Date:	06/03/2002
Action:	Closure/No Further Action Letter
Global Id:	T0607700651
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

LUST REG 5:

Region:	5
Status:	Case Closed
Case Number:	390822
Case Type:	Undefined
Substance:	GASOLINE
Staff Initials:	JLB
Lead Agency:	Local
Program:	LUST
MTBE Code:	N/A

CA WDS: Other Standard Environmental Records

Facility ID:	Sacramento-San Joaquin Delta 392023001
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not Reported
Subregion:	0
Facility Telephone:	2098355701
Facility Contact:	JIM HAMRICK
Agency Name:	OWENS-BROCKWAY
Agency Address:	6150 STONERIDGE MALL STE.375
Agency City,St,Zip:	PLEASANTON 94588
Agency Contact:	ROBERT NEAL
Agency Telephone:	4154637950
Agency Type:	Private
SIC Code:	3221
SIC Code 2:	Not Reported
Primary Waste Type:	Not Reported
Primary Waste:	Not Reported
Waste Type2:	Not Reported
Waste2:	Not Reported
Primary Waste Type:	Not Reported
Secondary Waste:	Not Reported

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Secondary Waste Type:	Not Reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

HIST CORTESE: Other Standard Environmental Records

Region:	CORTESE
Facility County Code:	39
Reg By:	LTNKA
Reg Id:	390822

HIST UST: State and tribal registered storage tank lists

Region:	STATE
Facility ID:	00000002264
Facility Type:	Other
Other Type:	GLASS MANUFACTURING
Total Tanks:	0003
Contact Name:	ERNEST F. VALIS
Telephone:	2098355701
Owner Name:	OI GLASS CONTAINER STS INC
Owner Address:	14700 W. SCHULTE ROAD
Owner City,St,Zip:	TRACY, CA 95376
Tank Num:	001
Container Num:	2
Year Installed:	1977
Tank Capacity:	00042000
Tank Used for:	WASTE
Type of Fuel:	Not Reported
Tank Construction:	6 inches
Leak Detection:	Visual
Tank Num:	002
Container Num:	1
Year Installed:	1960
Tank Capacity:	00027300
Tank Used for:	WASTE
Type of Fuel:	Not Reported
Tank Construction:	6 inches
Leak Detection:	Visual
Tank Num:	003

OWENS BROCKWAY GLASS, 14700 W SCHULTE RD, TRACY, CA 95376 (Continued)

Container Num:	3
Year Installed:	1977
Tank Capacity:	00003150
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	6 inches
Leak Detection:	Visual

SLIC: State and tribal leaking storage tank lists

Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/05/2002
Global Id:	SL0607719504
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	Not Reported
Latitude:	37.721622
Longitude:	-121.48892
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not Reported
RB Case Number:	Not Reported
File Location:	Not Reported
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	Not Reported
Site History:	Not Reported
Click here to access the California GeoTracker records for this facility:	http://www.web.edrnet.com/ordering/switchboard/redirect.aspx?s=GRR_CA_SLIC_ST&global_id=SL0607719504

RECORD SOURCES AND CURRENCY

To maintain currency of the following databases, EDR contacts the appropriate agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

PRP: Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Number of Days to Update: 72
Last EDR Contact :04/04/2014

Source: EPA
Telephone: 202-564-6023

RMP: Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013
Number of Days to Update: 63
Last EDR Contact :01/27/2014

Source: Environmental Protection Agency
Telephone: 202-564-8600

ALAMEDA CO. UST: Underground Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in Alameda county.

Date of Government Version: 01/22/2014
Number of Days to Update: 20
Last EDR Contact :03/31/2014

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

AST: Aboveground Petroleum Storage Tank Facilities

Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Number of Days to Update: 21
Last EDR Contact :04/07/2014

Source: California Environmental Protection Agency
Telephone: 916-327-5092

Alameda County CS: Contaminated Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/22/2014
Number of Days to Update: 19
Last EDR Contact :03/31/2014

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

CA BOND EXP. PLAN: Bond Expenditure Plan

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Number of Days to Update: 6
Last EDR Contact :05/31/1994

Source: Department of Health Services
Telephone: 916-255-2118

CA FID UST: Facility Inventory Database

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Number of Days to Update: 24
Last EDR Contact :12/28/1998

Source: California Environmental Protection Agency
Telephone: 916-341-5851

CA LA LF: City of Los Angeles Landfills

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Number of Days to Update: 29
Last EDR Contact :04/17/2014

Source: Engineering & Construction Division
Telephone: 213-473-7869

CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2013
Number of Days to Update: 20
Last EDR Contact :04/10/2014

Source: Department of Toxic Substances Control
Telephone: 916-255-6504

CHMIRS: California Hazardous Material Incident Report System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 10/14/2013
Number of Days to Update: 34
Last EDR Contact :01/30/2014

Source: Office of Emergency Services
Telephone: 916-845-8400

CONTRA COSTA CO. SITE LIST: Site List
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/24/2014
Number of Days to Update: 21
Last EDR Contact :02/05/2014

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/30/2013
Number of Days to Update: 42
Last EDR Contact :04/01/2014

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400

CUPA AMADOR: CUPA Facility List
Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility List

Date of Government Version: 12/05/2013
Number of Days to Update: 24
Last EDR Contact :03/24/2014

Source: Amador County Environmental Health
Telephone: 209-223-6439

CUPA BUTTE: CUPA Facility Listing
Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 08/01/2013
Number of Days to Update: 20
Last EDR Contact :04/10/2014

Source: Public Health Department
Telephone: 530-538-7149

CUPA CALVERAS: CUPA Facility Listing
Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility Listing

Date of Government Version: 09/30/2013
Number of Days to Update: 56
Last EDR Contact :03/31/2014

Source: Calveras County Environmental Health
Telephone: 209-754-6399

CUPA COLUSA: CUPA Facility List
Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 12/05/2013
Number of Days to Update: 53

Source: Health & Human Services
Telephone: 530-458-0396

Last EDR Contact :03/13/2014

CUPA DEL NORTE: CUPA Facility List
Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility list

Date of Government Version: 01/09/2013
Number of Days to Update: 46
Last EDR Contact :11/04/2013

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426

CUPA EL DORADO: CUPA Facility List
Standard Environmental Record Source: Other Standard Environmental Records
CUPA facility list.

Date of Government Version: 02/20/2014
Number of Days to Update: 27
Last EDR Contact :02/04/2014

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623

CUPA FRESNO: CUPA Resources List
Standard Environmental Record Source: Other Standard Environmental Records
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 12/31/2013
Number of Days to Update: 28
Last EDR Contact :04/14/2014

Source: Dept. of Community Health
Telephone: 559-445-3271

CUPA HUMBOLDT: CUPA Facility List
Standard Environmental Record Source: Other Standard Environmental Records
CUPA facility list.

Date of Government Version: 12/16/2013
Number of Days to Update: 21
Last EDR Contact :02/24/2014

Source: Humboldt County Environmental Health
Telephone: Not Reported

CUPA IMPERIAL: CUPA Facility List
Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 01/27/2014
Number of Days to Update: 14
Last EDR Contact :01/27/2014

Source: San Diego Border Field Office
Telephone: 760-339-2777

CUPA INYO: CUPA Facility List
Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 09/10/2013
Number of Days to Update: 33
Last EDR Contact :02/24/2014

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238

CUPA KINGS: CUPA Facility List
Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/25/2014
Number of Days to Update: 21
Last EDR Contact :02/24/2014

Source: Kings County Department of Public Health
Telephone: 559-584-1411

CUPA LAKE: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

Cupa facility list

Date of Government Version: 01/23/2013
Number of Days to Update: 33
Last EDR Contact :04/21/2014

Source: Lake County Environmental Health
Telephone: 707-263-1164

CUPA MADERA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/09/2013
Number of Days to Update: 72
Last EDR Contact :02/24/2014

Source: Madera County Environmental Health
Telephone: 559-675-7823

CUPA MERCED: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

CUPA facility list.

Date of Government Version: 03/10/2014
Number of Days to Update: 30
Last EDR Contact :03/10/2014

Source: Merced County Environmental Health
Telephone: 209-381-1094

CUPA MONO: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

CUPA Facility List

Date of Government Version: 03/03/2014
Number of Days to Update: 28
Last EDR Contact :03/03/2014

Source: Mono County Health Department
Telephone: 760-932-5580

CUPA MONTEREY: CUPA Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/09/2014
Number of Days to Update: 35
Last EDR Contact :02/24/2014

Source: Monterey County Health Department
Telephone: 831-796-1297

CUPA NEVADA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

CUPA facility list.

Date of Government Version: 11/06/2013
Number of Days to Update: 27
Last EDR Contact :02/14/2014

Source: Community Development Agency
Telephone: 530-265-1467

CUPA SAN LUIS OBISPO: CUPA Facility List
Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility List.

Date of Government Version: 02/24/2014
Number of Days to Update: 28
Last EDR Contact :02/24/2014

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596

CUPA SANTA BARBARA: CUPA Facility Listing
Standard Environmental Record Source: Other Standard Environmental Records
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Number of Days to Update: 28
Last EDR Contact :02/24/2014

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167

CUPA SANTA CLARA: Cupa Facility List
Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list

Date of Government Version: 03/04/2014
Number of Days to Update: 14
Last EDR Contact :03/03/2014

Source: Department of Environmental Health
Telephone: 408-918-1973

CUPA SANTA CRUZ: CUPA Facility List
Standard Environmental Record Source: Other Standard Environmental Records
CUPA facility listing.

Date of Government Version: 02/24/2014
Number of Days to Update: 23
Last EDR Contact :02/24/2014

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761

CUPA SHASTA: CUPA Facility List
Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility List.

Date of Government Version: 12/03/2013
Number of Days to Update: 29
Last EDR Contact :02/24/2014

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789

CUPA SONOMA: Cupa Facility List
Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility list

Date of Government Version: 12/31/2013
Number of Days to Update: 40
Last EDR Contact :03/31/2014

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174

RECORD SOURCES AND CURRENCY

CUPA TUOLUMNE: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

Cupa facility list

Date of Government Version: 01/27/2014
Number of Days to Update: 48
Last EDR Contact :01/27/2014

Source: Divison of Environmental Health
Telephone: 209-533-5633

CUPA YUBA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

CUPA facility listing for Yuba County.

Date of Government Version: 02/11/2014
Number of Days to Update: 32
Last EDR Contact :12/06/2013

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523

DEED: Deed Restriction Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/10/2014
Number of Days to Update: 30
Last EDR Contact :03/11/2014

Source: DTSC and SWRCB
Telephone: 916-323-3400

DRYCLEANERS: Cleaner Facilities

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/10/2013
Number of Days to Update: 35
Last EDR Contact :03/10/2014

Source: Department of Toxic Substance Control
Telephone: 916-327-4498

EL SEGUNDO UST: City of El Segundo Underground Storage Tank

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/10/2014
Number of Days to Update: 33
Last EDR Contact :04/21/2014

Source: City of El Segundo Fire Department
Telephone: 310-524-2236

EMI: Emissions Inventory Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2010
Number of Days to Update: 58
Last EDR Contact :03/25/2014

Source: California Air Resources Board
Telephone: 916-322-2990

ENF: Enforcement Action Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 02/25/2014
Number of Days to Update: 19
Last EDR Contact :02/10/2014

Source: State Water Resoruces Control Board
Telephone: 916-445-9379

ENVIROSTOR: EnviroStor Database

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 03/12/2014
Number of Days to Update: 28
Last EDR Contact :03/13/2014

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

HAULERS: Registered Waste Tire Haulers Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of registered waste tire haulers.

Date of Government Version: 02/18/2014
Number of Days to Update: 35
Last EDR Contact :02/14/2014

Source: Integrated Waste Management Board
Telephone: 916-341-6422

HAZNET: Facility and Manifest Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2012
Number of Days to Update: 41
Last EDR Contact :04/18/2014

Source: California Environmental Protection Agency
Telephone: 916-255-1136

HIST CAL-SITES: Calsites Database

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Number of Days to Update: 21
Last EDR Contact :02/23/2009

Source: Department of Toxic Substance Control
Telephone: 916-323-3400

HIST CORTESE: Hazardous Waste & Substance Site List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Number of Days to Update: 76
Last EDR Contact :01/22/2009

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Number of Days to Update: 22
Last EDR Contact :03/23/2009

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

HIST UST: Hazardous Substance Storage Container Database

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Number of Days to Update: 18
Last EDR Contact :07/26/2001

Source: State Water Resources Control Board
Telephone: 916-341-5851

HWP: EnviroStor Permitted Facilities Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/24/2014
Number of Days to Update: 21
Last EDR Contact :02/25/2014

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

HWT: Registered Hazardous Waste Transporter Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/13/2014
Number of Days to Update: 28
Last EDR Contact :04/15/2014

Source: Department of Toxic Substances Control
Telephone: 916-440-7145

KERN CO. UST: Underground Storage Tank Sites & Tank Listing
Standard Environmental Record Source: State and tribal registered storage tank lists
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Number of Days to Update: 29
Last EDR Contact :02/10/2014

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700

LA Co. Site Mitigation: Site Mitigation List
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/2014
Number of Days to Update: 28
Last EDR Contact :04/17/2014

Source: Community Health Services
Telephone: 323-890-7806

LDS: Land Disposal Sites Listing
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 12/16/2013
Number of Days to Update: 18
Last EDR Contact :03/19/2014

Source: State Water Qualilty Control Board
Telephone: 866-480-1028

LIENS: Environmental Liens Listing
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 01/17/2014
Number of Days to Update: 21
Last EDR Contact :03/10/2014

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

LONG BEACH UST: City of Long Beach Underground Storage Tank
Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 02/25/2014
Number of Days to Update: 46
Last EDR Contact :01/30/2014

Source: City of Long Beach Fire Department
Telephone: 562-570-2563

LOS ANGELES CO. HMS: HMS: Street Number List

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/06/2013
Number of Days to Update: 48
Last EDR Contact :04/02/2014

Source: Department of Public Works
Telephone: 626-458-3517

LOS ANGELES CO. LF: List of Solid Waste Facilities
Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/20/2014
Number of Days to Update: 21
Last EDR Contact :04/22/2014

Source: La County Department of Public Works
Telephone: 818-458-5185

LUST: Geotracker's Leaking Underground Fuel Tank Report
Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 12/16/2013
Number of Days to Update: 18
Last EDR Contact :03/19/2014

Source: State Water Resources Control Board
Telephone: see region list

LUST REG 1: Active Toxic Site Investigation
Standard Environmental Record Source: State and tribal leaking storage tank lists
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Number of Days to Update: 29
Last EDR Contact :08/01/2011

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769

LUST REG 2: Fuel Leak List
Standard Environmental Record Source: State and tribal leaking storage tank lists
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Number of Days to Update: 30
Last EDR Contact :09/19/2011

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433

LUST REG 3: Leaking Underground Storage Tank Database
Standard Environmental Record Source: State and tribal leaking storage tank lists
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786

Last EDR Contact :07/18/2011

LUST REG 4: Underground Storage Tank Leak List

Standard Environmental Record Source: State and tribal leaking storage tank lists

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Number of Days to Update: 35
Telephone: 213-576-6710
Last EDR Contact :09/06/2011

LUST REG 5: Leaking Underground Storage Tank Database

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Source: California Regional Water Quality Control Board Central Valley Region (5)
Number of Days to Update: 9
Telephone: 916-464-4834
Last EDR Contact :07/01/2011

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Source: California Regional Water Quality Control Board Lahontan Region (6)
Number of Days to Update: 27
Telephone: 530-542-5572
Last EDR Contact :09/12/2011

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Number of Days to Update: 22
Telephone: 760-241-7365
Last EDR Contact :09/12/2011

LUST REG 7: Leaking Underground Storage Tank Case Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Number of Days to Update: 27
Telephone: 760-776-8943
Last EDR Contact :08/01/2011

LUST REG 8: Leaking Underground Storage Tanks

Standard Environmental Record Source: State and tribal leaking storage tank lists

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Source: California Regional Water Quality Control Board Santa Ana Region (8)

Number of Days to Update: 41
Last EDR Contact :08/15/2011
Telephone: 909-782-4496

LUST REG 9: Leaking Underground Storage Tank Report

Standard Environmental Record Source: State and tribal leaking storage tank lists

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Source: California Regional Water Quality Control Board San Diego Region (9)
Number of Days to Update: 28
Telephone: 858-637-5595
Last EDR Contact :09/26/2011

LUST SANTA CLARA: LOP Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Source: Department of Environmental Health
Number of Days to Update: 13
Telephone: 408-918-3417
Last EDR Contact :03/03/2014

MARIN CO. UST: Underground Storage Tank Sites

Standard Environmental Record Source: State and tribal registered storage tank lists

Currently permitted USTs in Marin County.

Date of Government Version: 01/03/2014
Source: Public Works Department Waste Management
Number of Days to Update: 34
Telephone: 415-499-6647
Last EDR Contact :04/07/2014

MCS: Military Cleanup Sites Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 12/16/2013
Source: State Water Resources Control Board
Number of Days to Update: 18
Telephone: 866-480-1028
Last EDR Contact :03/19/2014

MED WASTE VENTURA: Medical Waste Program List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 10/02/2013
Source: Ventura County Resource Management Agency
Number of Days to Update: 28
Telephone: 805-654-2813
Last EDR Contact :03/21/2014

MWMP: Medical Waste Management Program Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/21/2014
Number of Days to Update: 33
Last EDR Contact :03/10/2014
Source: Department of Public Health
Telephone: 916-558-1784

NAPA CO. LUST: Sites With Reported Contamination
Standard Environmental Record Source: State and tribal leaking storage tank lists
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Number of Days to Update: 63
Last EDR Contact :03/03/2014
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

NAPA CO. UST: Closed and Operating Underground Storage Tank Sites
Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Number of Days to Update: 23
Last EDR Contact :03/03/2014
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

NOTIFY 65: Proposition 65 Records
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Number of Days to Update: 18
Last EDR Contact :04/07/2014
Source: State Water Resources Control Board
Telephone: 916-445-3846

NPDES: NPDES Permits Listing
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/17/2014
Number of Days to Update: 37
Last EDR Contact :02/18/2014
Source: State Water Resources Control Board
Telephone: 916-445-9379

ORANGE CO. LUST: List of Underground Storage Tank Cleanups
Standard Environmental Record Source: State and tribal leaking storage tank lists
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/03/2014
Number of Days to Update: 33
Last EDR Contact :02/10/2014
Source: Health Care Agency
Telephone: 714-834-3446

ORANGE CO. UST: List of Underground Storage Tank Facilities
Standard Environmental Record Source: State and tribal registered storage tank lists

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2014 Source: Health Care Agency
Number of Days to Update: 34 Telephone: 714-834-3446
Last EDR Contact :02/10/2014

Orange Co. Industrial Site: List of Industrial Site Cleanups
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2014 Source: Health Care Agency
Number of Days to Update: 33 Telephone: 714-834-3446
Last EDR Contact :02/10/2014

PLACER CO. MS: Master List of Facilities
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2014 Source: Placer County Health and Human Services
Number of Days to Update: 30 Telephone: 530-745-2363
Last EDR Contact :03/10/2014

PROC: Certified Processors Database
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

A listing of certified processors.

Date of Government Version: 12/16/2013 Source: Department of Conservation
Number of Days to Update: 21 Telephone: 916-323-3836
Last EDR Contact :03/18/2014

RESPONSE: State Response Sites
Standard Environmental Record Source: State and tribal - equivalent NPL
Search Distance: 0.333 Mile

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 03/12/2014 Source: Department of Toxic Substances Control
Number of Days to Update: 28 Telephone: 916-323-3400
Last EDR Contact :03/13/2014

RIVERSIDE CO. LUST: Listing of Underground Tank Cleanup Sites
Standard Environmental Record Source: State and tribal leaking storage tank lists
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/14/2014 Source: Department of Environmental Health
Number of Days to Update: 27 Telephone: 951-358-5055
Last EDR Contact :03/02/2014

RIVERSIDE CO. UST: Underground Storage Tank Tank List

Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/14/2014
Number of Days to Update: 28
Last EDR Contact :03/24/2014

Source: Department of Environmental Health
Telephone: 951-358-5055

SAN DIEGO CO. HMMD: Hazardous Materials Management Division Database
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Number of Days to Update: 23
Last EDR Contact :03/10/2014

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

SAN DIEGO CO. LF: Solid Waste Facilities
Standard Environmental Record Source: State and tribal landfill / solid waste disposal
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013
Number of Days to Update: 42
Last EDR Contact :02/14/2014

Source: Department of Health Services
Telephone: 619-338-2209

SAN DIEGO CO. SAM: Environmental Case Listing
Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Number of Days to Update: 24
Last EDR Contact :03/10/2014

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371

SAN FRANCISCO CO. LUST: Local Oversite Facilities
Standard Environmental Record Source: State and tribal leaking storage tank lists
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Number of Days to Update: 10
Last EDR Contact :02/10/2014

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

SAN FRANCISCO CO. UST: Underground Storage Tank Information
Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920

Last EDR Contact :02/10/2014

SAN JOSE HAZMAT: Hazardous Material Facilities

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/07/2014
Number of Days to Update: 34
Last EDR Contact :02/10/2014

Source: City of San Jose Fire Department
Telephone: 408-535-7694

SAN MATEO CO. LUST: Fuel Leak List

Standard Environmental Record Source: State and tribal leaking storage tank lists

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/12/2013
Number of Days to Update: 21
Last EDR Contact :03/17/2014

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

SCH: School Property Evaluation Program

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 03/12/2014
Number of Days to Update: 28
Last EDR Contact :03/13/2014

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

SLIC: Statewide SLIC Cases

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 12/16/2013
Number of Days to Update: 30
Last EDR Contact :03/19/2014

Source: State Water Resources Control Board
Telephone: 866-480-1028

SLIC REG 1: Active Toxic Site Investigations

Standard Environmental Record Source: State and tribal leaking storage tank lists

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Number of Days to Update: 18
Last EDR Contact :08/01/2011

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Number of Days to Update: 30
Telephone: 510-286-0457
Last EDR Contact :09/19/2011

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Source: California Regional Water Quality Control Board Central Coast Region (3)
Number of Days to Update: 28
Telephone: 805-549-3147
Last EDR Contact :07/18/2011

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Source: Region Water Quality Control Board Los Angeles Region (4)
Number of Days to Update: 47
Telephone: 213-576-6600
Last EDR Contact :07/01/2011

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Source: Regional Water Quality Control Board Central Valley Region (5)
Number of Days to Update: 16
Telephone: 916-464-3291
Last EDR Contact :09/12/2011

SLIC REG 6L: SLIC Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Source: California Regional Water Quality Control Board, Lahontan Region
Number of Days to Update: 35
Telephone: 530-542-5574
Last EDR Contact :08/15/2011

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Source: Regional Water Quality Control Board, Victorville Branch
Number of Days to Update: 22
Telephone: 619-241-6583
Last EDR Contact :08/15/2011

SLIC REG 7: SLIC List

Standard Environmental Record Source: State and tribal leaking storage tank lists

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Source: California Regional Quality Control Board, Colorado River Basin Region
Number of Days to Update: 36
Telephone: 760-346-7491
Last EDR Contact :08/01/2011

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Source: California Region Water Quality Control Board Santa Ana Region (8)
Number of Days to Update: 11
Telephone: 951-782-3298
Last EDR Contact :09/12/2011

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Source: California Regional Water Quality Control Board San Diego Region (9)
Number of Days to Update: 17
Telephone: 858-467-2980
Last EDR Contact :08/08/2011

SOLANO CO. LUST: Leaking Underground Storage Tanks

Standard Environmental Record Source: State and tribal leaking storage tank lists

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/16/2013
Source: Solano County Department of Environmental Management
Number of Days to Update: 21
Telephone: 707-784-6770
Last EDR Contact :03/17/2014

SOLANO CO. UST: Underground Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in Solano county.

Date of Government Version: 12/16/2013
Source: Solano County Department of Environmental Management
Number of Days to Update: 20
Telephone: 707-784-6770
Last EDR Contact :03/17/2014

SONOMA CO. LUST: Leaking Underground Storage Tank Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/03/2014
Source: Department of Health Services
Number of Days to Update: 39
Telephone: 707-565-6565
Last EDR Contact :03/31/2014

SUTTER CO. UST: Underground Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/10/2013
Number of Days to Update: 24
Last EDR Contact :03/24/2014

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

SWEEPS UST: SWEEPS UST Listing
Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Number of Days to Update: 35
Last EDR Contact :06/03/2005

Source: State Water Resources Control Board
Telephone: Not Reported

SWF/LF (SWIS): Solid Waste Information System
Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

Active, Closed and Inactive Landfills.SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills.These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteriafor solid waste landfills or disposal sites.

Date of Government Version: 02/14/2014
Number of Days to Update: 28
Last EDR Contact :02/18/2014

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320

SWRCY: Recycler Database
Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

A listing of recycling facilities in California.

Date of Government Version: 12/16/2013
Number of Days to Update: 21
Last EDR Contact :03/18/2014

Source: Department of Conservation
Telephone: 916-323-3836

Sacramento Co. CS: Toxic Site Clean-Up List
Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/21/2013
Number of Days to Update: 33
Last EDR Contact :04/04/2014

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Sacramento Co. ML: Master Hazardous Materials Facility List
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/21/2013
Number of Days to Update: 33
Last EDR Contact :04/04/2014

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

San Bern. Co. Permit: Hazardous Material Permits
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/26/2013
Number of Days to Update: 34
Last EDR Contact :02/10/2014

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

San Mateo Co. BI: Business Inventory
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/13/2014
Number of Days to Update: 28
Last EDR Contact :03/17/2014

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

TORRANCE UST: City of Torrance Underground Storage Tank
Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/15/2013
Number of Days to Update: 33
Last EDR Contact :04/14/2014

Source: City of Torrance Fire Department
Telephone: 310-618-2973

TOXIC PITS: Toxic Pits Cleanup Act Sites
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Number of Days to Update: 27
Last EDR Contact :01/26/2009

Source: State Water Resources Control Board
Telephone: 916-227-4364

UIC: UIC Listing
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/25/2013
Number of Days to Update: 21

Source: Deaprtment of Conservation
Telephone: 916-445-2408

Last EDR Contact :03/18/2014

UST: Active UST Facilities
Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/16/2013 Source: SWRCB
Number of Days to Update: 21 Telephone: 916-341-5851
Last EDR Contact :03/19/2014

UST MENDOCINO: Mendocino County UST Database
Standard Environmental Record Source: State and tribal registered storage tank lists
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009 Source: Department of Public Health
Number of Days to Update: 8 Telephone: 707-463-4466
Last EDR Contact :03/03/2014

UST SAN JOAQUIN: San Joaquin Co. UST
Standard Environmental Record Source: State and tribal registered storage tank lists
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 12/18/2013 Source: Environmental Health Department
Number of Days to Update: 20 Telephone: Not Reported
Last EDR Contact :04/07/2014

VCP: Voluntary Cleanup Program Properties
Standard Environmental Record Source: State and tribal voluntary cleanup sites
Search Distance: 0.333 Mile

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/12/2014 Source: Department of Toxic Substances Control
Number of Days to Update: 28 Telephone: 916-323-3400
Last EDR Contact :03/13/2014

VENTURA CO. BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 01/28/2014 Source: Ventura County Environmental Health Division
Number of Days to Update: 23 Telephone: 805-654-2813
Last EDR Contact :02/18/2014

VENTURA CO. LF: Inventory of Illegal Abandoned and Inactive Sites
Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 Source: Environmental Health Division
Number of Days to Update: 49 Telephone: 805-654-2813

Last EDR Contact :04/04/2014

VENTURA CO. LUST: Listing of Underground Tank Cleanup Sites
Standard Environmental Record Source: State and tribal leaking storage tank lists
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Number of Days to Update: 37
Last EDR Contact :02/17/2014
Source: Environmental Health Division
Telephone: 805-654-2813

VENTURA CO. UST: Underground Tank Closed Sites List
Standard Environmental Record Source: State and tribal registered storage tank lists
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/26/2013
Number of Days to Update: 21
Last EDR Contact :03/17/2014
Source: Environmental Health Division
Telephone: 805-654-2813

WDS: Waste Discharge System
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Number of Days to Update: 9
Last EDR Contact :02/24/2014
Source: State Water Resources Control Board
Telephone: 916-341-5227

WIP: Well Investigation Program Case List
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Number of Days to Update: 13
Last EDR Contact :03/31/2014
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726

WMUDS/SWAT: Waste Management Unit Database
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Number of Days to Update: 30
Last EDR Contact :02/10/2014
Source: State Water Resources Control Board
Telephone: 916-227-4448

YOLO CO. UST: Underground Storage Tank Comprehensive Facility Report
Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/18/2013
Number of Days to Update: 15
Last EDR Contact :03/24/2014

Source: Yolo County Department of Health
Telephone: 530-666-8646

2020 COR ACTION: 2020 Corrective Action Program List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Number of Days to Update: 7
Last EDR Contact :02/14/2014

Source: Environmental Protection Agency
Telephone: 703-308-4044

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Standard Environmental Record Source: Federal CERCLIS

Search Distance: 0.333 Mile

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Number of Days to Update: 94
Last EDR Contact :02/28/2014

Source: EPA
Telephone: 703-412-9810

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Number of Days to Update: 94
Last EDR Contact :02/28/2014

Source: EPA
Telephone: 703-412-9810

COAL ASH DOE: Sleam-Electric Plan Operation Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Number of Days to Update: 76
Last EDR Contact :04/18/2014

Source: Department of Energy
Telephone: 202-586-8719

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Number of Days to Update: 77
Last EDR Contact :03/11/2014

Source: Environmental Protection Agency
Telephone: Not Reported

CONSENT: Superfund (CERCLA) Consent Decrees
Standard Environmental Record Source: Federal NPL
Search Distance: 0.333 Mile

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Number of Days to Update: 31
Last EDR Contact :03/27/2014

Source: Department of Justice, Consent Decree Library
Telephone: Varies

CORRACTS: Corrective Action Report
Standard Environmental Record Source: Federal RCRA CORRACTS facilities list
Search Distance: 0.333 Mile

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/11/2014
Number of Days to Update: 27
Last EDR Contact :03/13/2014

Source: EPA
Telephone: 800-424-9346

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Number of Days to Update: 137
Last EDR Contact :01/27/2014

Source: EPA, Region 9
Telephone: 415-947-4219

DELISTED NPL: National Priority List Deletions
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013
Number of Days to Update: 78
Last EDR Contact :04/08/2014

Source: EPA
Telephone: Not Reported

DOT OPS: Incident and Accident Data
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012

Source: Department of Transporation, Office of Pipeline Safety

Number of Days to Update: 42 Telephone: 202-366-4595
Last EDR Contact :02/06/2014

EPA WATCH LIST: EPA WATCH LIST
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013 Source: Environmental Protection Agency
Number of Days to Update: 31 Telephone: 617-520-3000
Last EDR Contact :02/10/2014

ERNS: Emergency Response Notification System
Standard Environmental Record Source: Federal ERNS list
Search Distance: Property

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013 Source: National Response Center, United States Coast Guard
Number of Days to Update: 66 Telephone: 202-267-2180
Last EDR Contact :04/04/2014

FEMA UST: Underground Storage Tank Listing
Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Source: FEMA
Number of Days to Update: 55 Telephone: 202-646-5797
Last EDR Contact :04/15/2014

FINDS: Facility Index System/Facility Registry System
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013 Source: EPA
Number of Days to Update: 13 Telephone: Not Reported
Last EDR Contact :03/14/2014

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Number of Days to Update: 25
Last EDR Contact :02/24/2014
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Number of Days to Update: 25
Last EDR Contact :02/24/2014
Source: EPA
Telephone: 202-566-1667

FUDS: Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Number of Days to Update: 15
Last EDR Contact :03/10/2014
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Number of Days to Update: 40
Last EDR Contact :12/17/2007
Source: Environmental Protection Agency
Telephone: 202-564-2501

HMIRS: Hazardous Materials Information Reporting System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013
Number of Days to Update: 52
Last EDR Contact :04/01/2014
Source: U.S. Department of Transportation
Telephone: 202-366-4555

ICIS: Integrated Compliance Information System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Source: Environmental Protection Agency
Number of Days to Update: 61 Telephone: 202-564-5088
Last EDR Contact :10/09/2014

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013 Source: EPA Region 1
Number of Days to Update: 184 Telephone: 617-918-1313
Last EDR Contact :01/30/2014

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013 Source: EPA Region 10
Number of Days to Update: 29 Telephone: 206-553-2857
Last EDR Contact :01/27/2014

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013 Source: EPA Region 4
Number of Days to Update: 90 Telephone: 404-562-8677
Last EDR Contact :04/22/2014

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014 Source: EPA, Region 5
Number of Days to Update: 10 Telephone: 312-886-7439
Last EDR Contact :01/27/2014

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011 Source: EPA Region 6
Number of Days to Update: 59 Telephone: 214-665-6597
Last EDR Contact :02/21/2014

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013 Source: EPA Region 7

Number of Days to Update: 66 Telephone: 913-551-7003
Last EDR Contact :01/27/2014

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012 Source: EPA Region 8
Number of Days to Update: 49 Telephone: 303-312-6271
Last EDR Contact :01/27/2014

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013 Source: Environmental Protection Agency
Number of Days to Update: 42 Telephone: 415-972-3372
Last EDR Contact :01/27/2014

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Source: Environmental Protection Agency
Number of Days to Update: 52 Telephone: 703-308-8245
Last EDR Contact :11/04/2013

INDIAN UST R1: Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013 Source: EPA, Region 1
Number of Days to Update: 271 Telephone: 617-918-1313
Last EDR Contact :01/30/2014

INDIAN UST R10: Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal registered storage tank lists
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013 Source: EPA Region 10
Number of Days to Update: 65 Telephone: 206-553-2857
Last EDR Contact :01/27/2014

INDIAN UST R4: Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal registered storage tank lists
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013 Source: EPA Region 4

Number of Days to Update: 90 Telephone: 404-562-9424
Last EDR Contact :01/27/2014

INDIAN UST R5: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014 Source: EPA Region 5
Number of Days to Update: 10 Telephone: 312-886-6136
Last EDR Contact :01/27/2014

INDIAN UST R6: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/29/2014 Source: EPA Region 6
Number of Days to Update: 42 Telephone: 214-665-7591
Last EDR Contact :01/27/2014

INDIAN UST R7: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012 Source: EPA Region 7
Number of Days to Update: 43 Telephone: 913-551-7003
Last EDR Contact :01/27/2014

INDIAN UST R8: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013 Source: EPA Region 8
Number of Days to Update: 92 Telephone: 303-312-6137
Last EDR Contact :01/27/2014

INDIAN UST R9: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013 Source: EPA Region 9
Number of Days to Update: 129 Telephone: 415-972-3368
Last EDR Contact :01/27/2014

INDIAN VCP R1: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013 Source: EPA, Region 1
Number of Days to Update: 66 Telephone: 617-918-1102

Last EDR Contact :04/01/2014

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

Standard Environmental Record Source: State and tribal voluntary cleanup sites

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Number of Days to Update: 27
Last EDR Contact :04/20/2009

Source: EPA, Region 7
Telephone: 913-551-7365

LEAD SMELTER 1: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Number of Days to Update: 13
Last EDR Contact :04/04/2014

Source: Environmental Protection Agency
Telephone: 703-603-8787

LEAD SMELTER 2: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Number of Days to Update: 36
Last EDR Contact :12/02/2009

Source: American Journal of Public Health
Telephone: 703-305-6451

LIENS 2: CERCLA Lien Information

Standard Environmental Record Source: Federal CERCLIS

Search Distance: Property

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013
Number of Days to Update: 15
Last EDR Contact :01/27/2014

Source: Environmental Protection Agency
Telephone: 202-564-6023

LUCIS: Land Use Control Information System

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: 0.333 Mile

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/20/2013
Number of Days to Update: 95
Last EDR Contact :02/14/2014

Source: Department of the Navy
Telephone: 843-820-7326

MLTS: Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Number of Days to Update: 91
Last EDR Contact :03/10/2014

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

NPL: National Priority List

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013
Number of Days to Update: 78
Last EDR Contact :04/08/2014

Source: EPA
Telephone: Not Reported

NPL Site Boundaries

Sources:

EPA"s Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-566-0690

EPA Region 1
Telephone: 617-918-1102

EPA Region 2
Telephone: 212-637-4293

EPA Region 3
Telephone: 215-814-5418

EPA Region 4
Telephone: 404-562-8681

EPA Region 5
Telephone: 312-353-1063

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6118

EPA Region 9
Telephone: 415-947-4579

EPA Region 10
Telephone: 206-553-4479

NPL LIENS: Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267

Last EDR Contact :08/15/2011

ODI: Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Source: Environmental Protection Agency

Number of Days to Update: 39 Telephone: 800-424-9346

Last EDR Contact :06/09/2004

PADS: PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013 Source: EPA

Number of Days to Update: 107 Telephone: 202-566-0500

Last EDR Contact :04/18/2014

PCB TRANSFORMER: PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Source: Environmental Protection Agency

Number of Days to Update: 83 Telephone: 202-566-0517

Last EDR Contact :01/30/2014

Proposed NPL: Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

A site that has been proposed for listing on the NationalPriorities List through the issuance of a proposed rule in the Federal Register.EPA then accepts public comments on the site, responds to the comments,and places on the NPL those sites that continue to meet therequirements for listing.

Date of Government Version: 10/25/2013 Source: EPA

Number of Days to Update: 78 Telephone: Not Reported

Last EDR Contact :04/08/2014

RAATS: RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Source: EPA

Number of Days to Update: 35 Telephone: 202-564-4104

Last EDR Contact :06/02/2008

RADINFO: Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/09/2014 Source: Environmental Protection Agency

Number of Days to Update: 61 Telephone: 202-343-9775

Last EDR Contact :04/09/2014

RCRA NonGen / NLR: RCRA - Non Generators

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014 Source: Environmental Protection Agency

Number of Days to Update: 27 Telephone: 703-308-8895

Last EDR Contact :03/13/2014

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014 Source: Environmental Protection Agency

Number of Days to Update: 27 Telephone: 703-308-8895

Last EDR Contact :03/13/2014

RCRA-LQG: RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014 Source: Environmental Protection Agency

Number of Days to Update: 27 Telephone: 703-308-8895

Last EDR Contact :03/13/2014

RCRA-SQG: RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RECORD SOURCES AND CURRENCY

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2014
Number of Days to Update: 27
Last EDR Contact :03/13/2014

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list

Search Distance: 0.333 Mile

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014
Number of Days to Update: 27
Last EDR Contact :03/13/2014

Source: Environmental Protection Agency
Telephone: 703-308-8895

ROD: Records Of Decision

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Number of Days to Update: 74
Last EDR Contact :03/11/2014

Source: EPA
Telephone: 703-416-0223

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Number of Days to Update: 54
Last EDR Contact :04/21/2014

Source: Environmental Protection Agency
Telephone: 615-532-8599

SSTS: Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203

Last EDR Contact :01/28/2014

TRIS: Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011 Source: EPA

Number of Days to Update: 44 Telephone: 202-566-0250

Last EDR Contact :02/26/2014

TSCA: Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Source: EPA

Number of Days to Update: 64 Telephone: 202-260-5521

Last EDR Contact :03/28/2014

UMTRA: Uranium Mill Tailings Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Source: Department of Energy

Number of Days to Update: 146 Telephone: 505-845-0011

Last EDR Contact :02/25/2014

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013 Source: EPA

Number of Days to Update: 30 Telephone: 202-564-5962

Last EDR Contact :03/31/2014

US AIRS MINOR: Air Facility System Data

Standard Environmental Record Source: Other Standard Environmental Records

A listing of minor source facilities.

Date of Government Version: 10/23/2013 Source: EPA

Number of Days to Update: 30 Telephone: 202-564-5962

Last EDR Contact :03/31/2014

US BROWNFIELDS: A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/20/2014 Source: Environmental Protection Agency

Number of Days to Update: 20 Telephone: 202-566-2777

Last EDR Contact :03/20/2014

US CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013 Source: Drug Enforcement Administration

Number of Days to Update: 65 Telephone: 202-307-1000

Last EDR Contact :03/04/2014

US ENG CONTROLS: Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013 Source: Environmental Protection Agency

Number of Days to Update: 14 Telephone: 703-603-0695

Last EDR Contact :03/10/2014

US FIN ASSUR: Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014 Source: Environmental Protection Agency

Number of Days to Update: 41 Telephone: 202-566-1917

Last EDR Contact :02/14/2014

US HIST CDL: National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Number of Days to Update: 131
Last EDR Contact :03/04/2014
Source: Drug Enforcement Administration
Telephone: 202-307-1000

US INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013
Number of Days to Update: 14
Last EDR Contact :03/10/2014
Source: Environmental Protection Agency
Telephone: 703-603-0695

US MINES: Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Number of Days to Update: 28
Last EDR Contact :03/05/2014
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

AOCONCERN: San Gabriel Valley Areas of Concern

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Number of Days to Update: 206
Last EDR Contact :03/24/2014
Source: EPA Region 9
Telephone: 415-972-3178

DOD: Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Number of Days to Update: 62
Last EDR Contact :04/18/2014
Source: USGS
Telephone: 888-275-8747

INDIAN RESERV: Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Source: USGS
Number of Days to Update: 34 Telephone: 202-208-3710
Last EDR Contact :04/18/2014

PWS: Public Water System Data

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 04/12/2007 Source: EPA
Number of Days to Update: N/A Telephone: Not Reported
Last EDR Contact :03/10/2014

RECORD SOURCES AND CURRENCY

HISTORICAL USE RECORDS

RGA LF: Recovered Government Archive Solid Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: Not Reported
Number of Days to Update: 196
Last EDR Contact :06/01/2012

Source: Department of Resources Recycling and Recovery
Telephone: Not Reported

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: Not Reported
Number of Days to Update: 182
Last EDR Contact :06/01/2012

Source: State Water Resources Control Board
Telephone: Not Reported

EDR MGP: EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: 08/28/2009
Number of Days to Update: 55
Last EDR Contact :11/30/2012

Source: EDR, Inc.
Telephone: Not Reported

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.25 Mile

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: 02/20/2007
Number of Days to Update: 42
Last EDR Contact :02/21/2007

Source: EDR, Inc.
Telephone: Not Reported

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

RECORD SOURCES AND CURRENCY

Search Distance: 0.25 Mile

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: 02/20/2007
Number of Days to Update: 42
Last EDR Contact :02/21/2007

Source: EDR, Inc.
Telephone: Not Reported

RECORD SOURCES AND CURRENCY

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5' minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW® Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW® Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services. The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

STREET AND ADDRESS INFORMATION

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Appendix C

Photo Log

A site visit to the Tracy Biomass Facility located at 14800 W Schulte Road, Tracy, CA 95377 was conducted on April 14, 2014 by Austin Kent Moore of TRC Solutions, Inc. as a part of a Phase I Environmental Site Assessment of the facility.

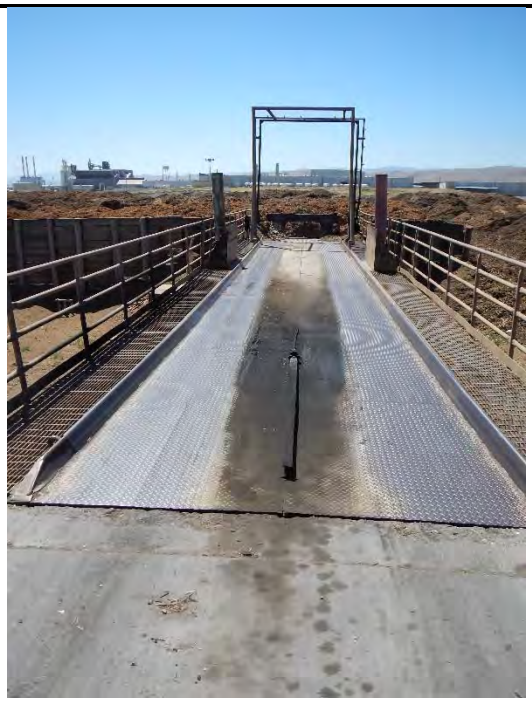
The following photographs were taken to document his findings.

Description Main operations area at Tracy Biomass Power Plant. Fuel tank in foreground appears to be in good repair with no sign of leaks or damage. Discolored soil in foreground is caused by ash stored in piles just south of the plant.	

Description View of the stormwater retention pond at the northeast corner of the property. Orange-red tint of standing water possibly caused by bacteria levels in water. A white foam was observed around the edge of the pond.	

Description Discolored standing water at the base of a pile of grading fill material and construction debris/waste at the southwest corner of the property. Possible sign of contamination	

Description Truck lift for dumping biomass fuel. Appeared to be leaking hydraulic fluid into a small containment area below the lift. Oil drips/spills were noted on the lift deck.	

Description Truck lift for dumping biomass fuel. Appeared to be leaking hydraulic fluid into a small containment area below the lift. Oil drips/spills were noted on the lift deck.	

Description Loader and biomass fuel storage area.	

Description Dirt access road with neighboring facility and visible topography.	

Description Soil stockpile with various types of fill visible.	

Description Pressure treated utility poles stockpiled at the southern end of the site next to the ash storage area. Creosote odors noted but no discoloration present in soil.	

Description Material storage area, including ash and fill.	

Description Main operations area, including the cooling tower in the background.	

Description Wind barrier near biomass fuel storage area. Old tires stockpiled	

Description View of diesel fuel area, including seemingly well-maintained baker tanks.	

Description Pipes in plant area. No visible leaks.	

Description Damp area under pipe likely caused by leaking. Appeared to be water but could aid in leaching materials into soil.	

Description Chemical storage in containment area. Containment pad seemed to be in good working order.	

Description Double-walled hypochlorite tank and other material vessels being stored on containment pallets.	

Description Fuel storage in small containment area.	

Description General view of inside the storage building.	

Description Buckets of oil on containment pad.	

Description Compressed gas cylinders stored on site.	

Description Hydraulic and motor oil storage tanks in containment area.	

Description Drums of oil outside of containment area. No signs of damage or leaks.	

Description Drain in concrete pad. Although drain leads to oil water separator, the drain appears to be clogged with dirt and debris.	

Description Biomass fuel conveyer.	

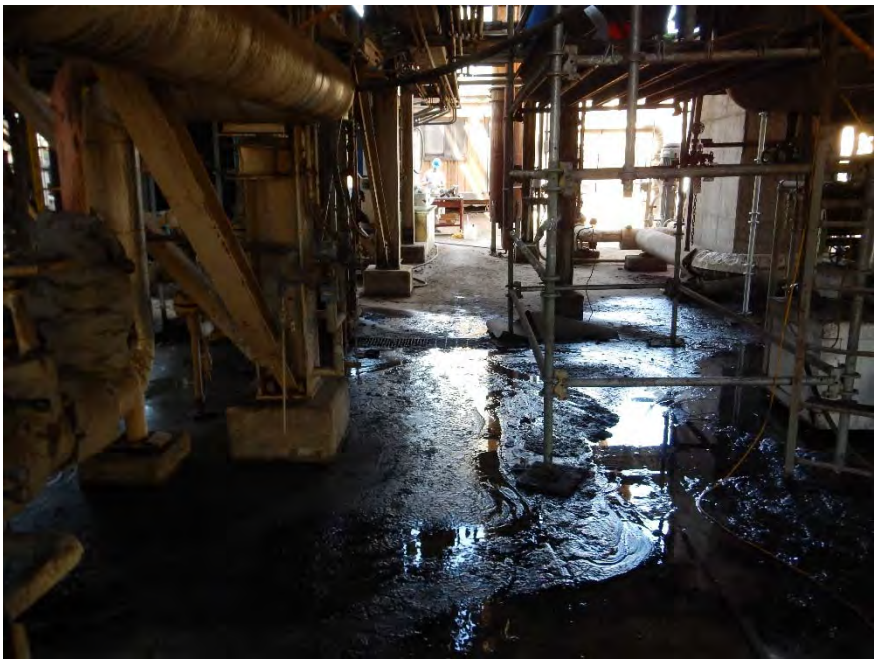
Description Aqueous Ammonia tank appeared to be well maintained.	

Description Aqueous Ammonia tank appeared to be well maintained.	

Description White discoloration on the soil in the ash storage area. Greenleaf staff speculated that it may be caused by salts used in their process.	

Description View of oil water separator within containment area.	

Description Additional cooling tower chemical storage tanks at the east side of the cooling tower. Containers not on a secondary containment pallet are placed on a concrete pad with secondary containment.	

Description Drainage below the plant runs to oil water separator.	

Description Drainage below the plant runs to oil water separator.	

Description Storage tank on site in good condition.	

Description White residual material observed on soil.	

Description Decommissioned tank and containment tank in “boneyard area” south of the plant.	

Description Decommissioned tank in “boneyard area” south of the plant.	

Description Oil stains under conveyer.	

Description Transformers observed on site. No signs of damage or leaks.	

Description Walls are built up between the fuel storage area and the plant to control dust migration.	

Description Tanks holding process chemicals. No signs of leaks or damage noted.	

Description General “boneyard” area, including rusted metal and plastic tubing.	

Description Materials stored on sight with containment vessels. No damage or leaks observed.	

Description Fueling station on site. Signs of diesel leaks/spills.	

Description Cooling tower with 'sludge' accumulated onto condensation that forms on its structure. Similar buildups were observed around the site. It appears to occur when airborne dust particles from the biomass fuel accumulate on moist surfaces. Although it appears dirty and potentially contaminated, this sludge-like build up is not considered a REC and may actually serve to limit the spread of liquid materials.	

Appendix D

Interview Information

Phase I Questionnaire

Greenleaf Power – Honey Lake
732-25 Wendel Road
Wendel, CA 96136

The following questionnaire is required by ASTM Standard E-1527-13, which adheres to the All Appropriate Inquiries Rule, written into law on November 1, 2005 by the United States Environmental Protection Agency.

If you answer yes to any of the questions, and need additional space to explain, please use additional paper and reference the question number.

In order to qualify for one of the Landowner Liability Protections (LLPs)[1] offered by the Small Business Liability Relief and Brownsfields Revitalization Act of 2001 (the *"Brownsfields Ammendments"*)[2], the *user* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that *"all appropriate inquiry"* is not complete.

(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25)

Are you aware of any environmental cleanup liens against the Property that are filed or recorded under federal, tribal. State or local law?

The owner has no knowledge of any environmental cleanup liens filed or recorded against this property.

(2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26)

Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the Property and/or have been filed or recorded in a registry under federal, tribal, state or local law?

The owner has no knowledge of any land use limitations in place for this property.

(3.) Specialized Knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28)

As the user of this Phase I Environmental Site Assessment ESA do you have any specialized knowledge or experience related to the Property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

---

[1] *Landowner Liability Protections,* or *LLPs,* is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability* ("*Commons Elements"* Guide) issued on March 6, 2003.
[2] P.L. 107-118

The only specialized knowledge regarding this property is detailed in the previous Phase I provided to TRC.

(4.) Relationship of the purchase price to the fair market value of the Property if it were not contaminated (40 CFR 312.29)

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Property?

The owner has no knowledge of a fair market value evaluation bring conducted for this property.

(5.) Commonly known or reasonably ascertainable information about the Property (40 CFR 312.20)

Are you aware of commonly known or reasonably ascertainable information about the Property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a) Do you know the past uses of the Property?

The property was undeveloped or ag prior to development of the Tracy Biomass plant

(b) Do you know of specific chemicals that are present or once were present at the Property?

The company has provided a list of hazardous chemicals.

(c) Do you know of spills or other chemical releases that have taken place at the Property?

\ The only specialized knowledge regarding this property is detailed in the previous Phase I provided to TRC

(d) Do you have any prior knowledge that the property was developed with a gas station, dry cleaner, machine shop or industrial facility in the past?

The property was undeveloped or ag prior to development of the Tracy Biomass plant.

(e) Have you been informed of the past existence or hazardous substances or petroleum products with respect to the property or any facility located on the Property?
The owner has no knowledge of the past existence of hazardous substances at this location.

(f) Do you know if one or more underground storage tanks (USTs) or septic tanks were previously located at the property?

The owner has no knowledge of USTs.

(g) Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?

The owner has no knowledge of any past or pending administrative proceedings.

(h) Do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the Property?

The owner has no knowledge of and unidentified or improperly stored waste.

(i) What year was the Property building was constructed (if developed)?

The tracy biomass plant was constructed starting in 1988 and has been in operation since 1990.

(j) Do you know of any environmental cleanups that have taken place at the Property?

The only specialized knowledge regarding this property is detailed in the previous Phase I provided to TRC .

(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the user of the ESA, based on your knowledge and experience related to the property, are there any indicators that point to the presence or likely presence of contamination at the property?

The owner has no knowledge of any indicators that point to the presence of likely presence of contamination on the property.

(7.) For what purpose is this Phase I Environmental Site Assessment being conducted, i.e. real estate transaction, lender requirement, etc.?

Lender request.

(8.) Who is the current owner of the Property and how long has he/she owned the Property?

Greenleaf Power

Appendix E

User-Provided Documents

Spill Prevention Control and Countermeasures

SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN

Tracy Biomass Plant

Tracy Biomass Plant
14800 West Schulte Road
Tracy, CA 95377-8795

September 28, 2012

Prepared For
Thermal Energy Development Partnership, LP
14800 West Schulte Road
Tracy, CA 95377

Prepared by

FLETCHER CONSULTANTS, INC.
4858 HARBORD DRIVE
OAKLAND CA 94618

Spill Prevention Control and Countermeasures Plan

Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377

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3.11 Brittle Fracture Evaluation (40 CFR 112.7(j))	21
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Spill Prevention Control and Countermeasures Plan
Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377

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Figure 2: Site Plan
Figure 3: Diesel Fuel Storage Tank
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Figure 8: Auxilary Transformers
Figure 9: ESP Transformers
Figure 10: Rectifier
Figure 11: Oil Storage Area

Appendix
Appendix I: Emergency Response Plan-SMP-2
Appendix II: Substantial Harm Determination
Appendix III: Bulk Storage Container Monthly Facility Inspection Checklist
Appendix IV: Bulk Storage Container Annual Facility Inspection Checklist
Appendix V: Record of Containment Drainage
Appendix VI: Photographs of Equipment
Appendix VII: Spill Equipment Inventory

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

PLAN REVIEW AND CHANGE LOG

This log is provided for use in documenting updates of the SPCC plan between recertifications.

Any changes which will affect the spill potential at the facility must be made by a registered professional engineer who will recertify the plan.

Other revisions such as personnel changes or telephone numbers shall be made by the facility and recorded in the log.

Change No.	Date Entered	Initials	Description of Change	Page No.
0	7/17/2011	CRF/BCR	Plan Revised and Issued	All
1	9/28/2012	CRF/BCR	Plan revised and recertified to reflect installation of new diesel tank, updated STI SP-001 to 2011 ed., reclassified small 100-gallon tanks in oil storage area to portable containers, others	

Previous Versions of this Plan

Date	Scope	PE Name	Licensing State and Registration Number
Dec 2006	SPCC Plan for Tracy Biomass Plant	Trent Weise	CA, 64480

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN
(SPCC PLAN)

Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377

September 28, 2012

Introduction

This Spill Prevention Control and Countermeasure Plan for the Tracy Biomass Plant (Plant, of Facility) has been prepared because the aggregate aboveground volume of stored or oil being used exceeds 1,320 gallons and could possibly be expected to discharge into or upon a navigable waterway. This plan has also been prepared to meet the requirements of the California Aboveground Petroleum Storage Act, which requires the preparation of an SPCC Plan if the facility has an aggregate volume of oil storage or use that exceeds 1320 gallons, irrespective of the potential harm criteria. The purpose of this Spill Prevention, Control, and Countermeasure (SPCC) Plan is to describe measures implemented by TBPP to prevent oil discharges from occurring, and to prepare TBPP staff to respond in a safe, effective, and timely manner to mitigate the impacts of a discharge.

The plan has been prepared pursuant to the Environmental Protection Agency regulations on oil pollution prevention for non-production onshore facilities, 40 CFR Parts 112 and has been prepared in order to minimize the potential for oil spills, prevent the spilled oil from leaving the site, and provide the most efficient clean up method. This Plan supercedes the previous Plan prepared for the facility.

In addition to fulfilling requirements of 40 CFR part 112, this SPCC Plan is used as a reference for oil storage information and testing records, as a tool to communicate practices on preventing and responding to discharges with employees, as a guide to facility inspections, and as a resource during emergency response.

Plant management has determined that this facility does not pose a risk of substantial harm under 40 CFR part 112, as recorded in the "Substantial Harm Determination" included in Appendix II of this Plan.

This Plan provides guidance on key actions that Tracy Biomass Plant must perform to comply with the SPCC rule:

1. Complete monthly and annual site inspections as outlined in the Inspection, Tests, and Records section of this Plan (Section 3.7) using the inspection checklists included in Appendix III and IV.

2. Perform preventive maintenance of equipment, secondary containment systems, and discharge prevention systems described in this Plan as needed to keep them in proper operating conditions.

3. Conduct annual employee training as outlined in the Personnel, Training, and Spill Prevention Procedures section of this Plan (Section 3.8) and document them on the facility records.

4. If either of the following occurs, submit the SPCC Plan to the EPA Region IX Regional Administrator (RA) and the Central Valley Regional Water Quality Control Board, and the San Joaquin County Department of Environmental Health, along with other information as detailed in Section 5.4 of this Plan:

   The facility discharges more than 1,000 gallons of oil into or upon the navigable waters of the U.S. or adjoining shorelines in a single spill event; or the facility discharges oil in quantity greater than 42 gallons in each of two spill events within any 12-month period.

5. This plan will be reviewed and evaluated at least once every five years and after a reportable release incident at the facility. It will be amended after such review if more effective prevention methods will significantly reduce the likelihood of a spill event. It also will be amended whenever there is a change in facility design, construction, operation, or maintenance which materially affects the potential for discharging oil into a navigable waterway. Plan amendments, other than administrative changes discussed above, must be recertified by a Professional Engineer on the certification page in Section 1.2 of this Plan.

6. Amend the SPCC Plan within six (6) months whenever where is a change in facility design, construction, operation, or maintenance that materially affects the facility's spill potential. The revised Plan must be recertified by a Professional Engineer (PE).

7. Review the Plan on an annual basis. Update the Plan to reflect any "administrative changes" that are applicable, such as personnel changes or revisions to contact information, such as phone numbers. Administrative changes must be documented in the Plan review log of Section 1.4 of this Plan, but do not have to be certified by a PE. .

This facility is subjected to the general requirements for an SPCC as they apply. It is not an onshore or offshore oil production facility and non petroleum oils, animal fats and vegetable oil are not or only minimal amounts used at this location and therefore those regulations that apply to those facilities do not apply to this facility (40 CFR 112.9 through 112.15).

Part 1: Plan Administration

1.1 Management Approval and Designated Person (40 CFR 112.7)

The management of Tracy Biomass Plant has approved this Plan and is fully prepared to commit the necessary resources to implement this plan. The Plant Manager is the Designated Person Accountable for Oil Spill Prevention at this facility, and has the authority to commit the necessary resources to implement this Plan

I have reviewed and approved this SPCC Plan for the Tracy Biomass Plant. I have personally examined and am familiar with the information included for the applicability of the Substantial Harm Criteria Analysis, and that based on my inquiry of those individuals responsible for obtaining this information. I believe that the information is true, accurate and complete.

Signature: _____

Name: Mitch Reynolds

Title: Plant Manager

Date: 10/10/12

1.2 Professional Engineer Certification (40 CFR 112.3(d))

The undersigned Registered Professional Engineer is familiar with the requirements of Part 112 of Title 40 of the *Code of Federal Regulations* (40 CFR Part 112) and has visited and examined the facility, or has supervised examination of the facility by appropriately qualified personnel. The undersigned Registered Professional Engineer attests that this Spill Prevention, Control, and Countermeasure Plan has been prepared in accordance with good engineering practice, including consideration of applicable industry standards and the requirements of 40 CFR Part 112; that procedures for required inspections and testing have been established; and that this Plan is adequate for the facility. [40 CFR 112.3(d)]

This certification in no way relieves the owner or operator of the facility of his/her duty to prepare and fully implement this SPCC Plan in accordance with the requirements of 40 CFR Part 112. This Plan is valid only to the extent that the facility owner or operator maintains, tests, installs, and inspects equipment, containment, and other devices as prescribed in this Plan.

Bob Clark-Riddell, P.E.

Printed Name of Licensed Professional Engineer

Date: 9/28/12

Signature of Licensed Professional Engineer

REGISTERED PROFESSIONAL ENGINEER
ROBERT G. CLARK-RIDDELL
No. C 049629
Exp. SEPT 2014
CIVIL
STATE OF CALIFORNIA

License No. C49629 State: California

1.3 Location of SPCC Plan (40 CFR 112.3(e))

In accordance with 40 CFR 112.3(e), a complete copy of this SPCC Plan is maintained at the facility in the Control Room. The Control Room is manned 24 hours per day, 7 days per week. Additional copies are maintained at other locations in the Administration building. The front office is attended during normal business hours, from, 8:00 AM to 5:00 PM, 5 days per week (closed on Saturdays, Sundays and holidays).

1.4 Plan Review (40 CFR 112.3 and 112.5)

1.4.1 Changes in Facility Configuration

Consistent with 40 CFR 112.5(a), the Plant periodically reviews and evaluates this Plan for any change in the facility design, construction, operation, or maintenance that materially affects the facility's potential for an oil discharge, including, but not limited to:

- commissioning of containers;
- reconstruction, replacement, or installation of piping systems;
- construction or demolition that might alter secondary containment structures; or
- changes of product or service, revisions to standard operation, modification of testing/inspection procedures, and use of new or modified industry standards or maintenance procedures.

Amendments to the Plan made to address changes of this nature are referred to as technical amendments, and must be certified by a PE. Non-technical amendments can be done (and must be documented in this section) by the facility owner and/or operator. Non-technical amendments include the following:

- change in the name or contact information (i.e., telephone numbers) of individuals responsible for the implementation of this Plan; or
- change in the name or contact information of spill response or cleanup contractors.

The facility must make the needed revisions to the SPCC Plan as soon as possible, but no later than six months after the change occurs. The Plan must be implemented as soon as possible following any technical amendment, but *no later than six months* from the date of the amendment. The Plant Manager is responsible for initiating and coordinating revisions to the SPCC Plan

1.4.2 Scheduled Review of SPCC Plan

In accordance with 40 CFR 112.5(b), this plan is reviewed at least once every five years. Revisions to the Plan, if needed, are made within six months of the five-year review. A registered Professional Engineer certifies any technical amendment to the Plan, as described above, in accordance with 40 CFR112.3(d). This Plan is dated September 28, 2012. The next plan review is therefore scheduled to take place on or prior to September 27, 2017. The Change and Plan Review Log provided as Table 1-1 must be filled out even if no amendment is made to the Plan as a result of the review.

1.5 Facilities, Procedures, Methods, or Equipment Not Yet Fully Operational (40 CFR 112.7)

None at this time.

1.6 Cross-Reference with SPCC Provisions (40 CFR 112.7)

A cross reference document comparing the requirements and provisions in the SPCC Plan is included as Table 1-2 of this document.

Table 1-2 SPCC Cross Reference

Provision*	Plan Section	Page
112.3(d)	Professional Engineer Certification	6
112.5	Plan Review	7
112.7	Management Approval	6
112.7	Cross-Reference with SPCC Rule	8
112.7(a)(3)	Part 2: General Facility Information Site Plan and Facility Diagram	Figure 2
112.7(a)(4)	5.4 Discharge Notification	App. I & 25
112.7(a)(5)	Part 5: Discharge Response	App. I & 25
112.7(b)	3.4 Potential Discharge Volumes and Direction of Flow	15
112.7(c)	3.5 Containment and Diversionary Structures	16
112.7(d)	3.6 Practicability of Secondary Containment	18
112.7(e)	3.7 Inspections, Tests, and Records	18
112.7(f)	3.8 Personnel, Training and Discharge Prevention Procedures	20
112.7(g)	3.9 Security	20
112.7(h)	3.10 Tank Truck Loading/Unloading	20
112.7(i)	3.11 Brittle Fracture Evaluation	21
112.7(j)	3.12 Conformance with Applicable State and Local Requirements	21
112.8(b)	4.1 Facility Drainage	21
112.8(c)(1)	4.2.1 Construction	22
112.8(c)(2)	4.2.2 Secondary Containment	22
112.8(c)(3)	4.2.3 Drainage of Diked Areas	22
112.8(c)(4)	4.2.4 Corrosion Protection	22

Table 1-2 SPCC Cross Reference (cont'd.)

Provision*	Plan Section	Page
112.8(c)(5)	4.2.5 Partially Buried and Bunkered Storage Tanks	23
112.8(c)(6)	4.2.6 Inspection	23
112.8(c)(7)	4.2.7 Heating Coils	24
112.8(c)(8)	4.2.8 Overfill Prevention System	24
112.8(c)(9)	4.2.9 Effluent Treatment Facilities	24
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* Only selected excerpts of relevant rule text are provided. For a complete list of SPCC requirements, refer to the full text of 40 CFR Part 112.

Part 2 General Facility Information (40 CFR 112.7 (a))

Facility Name	**Tracy Biomass Plant**
Type of Facility	**Biomass Fueled Power Plant**
Location of Facility	**14800 W. Schulte Rd. Tracy, CA 95377**
24-hr Telephone	**(209) 835-6914**
Name and Address of Owner	**Thermal Energy Development Partnership, LP 14800 West Schulte Road Tracy, CA 95377**
Name and Address of Operator	**Thermal Energy Development Partnership, LP 14800 West Schulte Road Tracy, CA 95377**
Designated Person Accountable for Discharge Prevention at the Facility and Emergency Contacts	**Mitch Reynolds, Plant Manager 14800 W. Schulte Road Tracy, CA 95377 (209) 835-6914**

2.1.1 Facility Description (40CFR 112.7(a)(3))

The Plant is a 21.5 MW biomass-fired power plant. The Plant utilizes urban and agricultural wood waste to generate power under a long-term contract with Pacific Gas and Electric Company. The facility operates as a zero-discharge plant; all water is recycled and re-used on-site at the facility.

The Plant occupies a rectangular parcel of approximately 39 acres. The location of the facility is presented on Figure 1. Figure 2, the Site Plan, displays the major plant features.

The power plant maintains oil storage containers and oil-filled equipment with an aggregate capacity exceeding 1,320 gallons. The facility stores or uses diesel fuel, transformer (mineral) oil, turbine oil, lubricating oil, hydraulic oil, anti-freeze, and waste (used) oil to support facility operations. Figure 2, the Site Plan, identifies the areas where these materials are located.

The following major buildings and structures are located at the facility. The locations of these buildings and structures are shown on the Site Plan, Figure 2.

Generator Structure	This structure houses the turbine generator and related equipment.
Boiler Structure	The plant's wood waste combustion boiler is housed in this structure.
Electric Substation	This fenced area includes a main step-up transformer that increases voltage from the generation level to the transmission level. The auxiliary transformers provide voltage control and electrical regulation for the plant's operating units.

Cooling Tower	A two cell cooling tower is used for condenser cooling and is located south of the boiler structure.
Wood Fuel Storage Yard	The Wood Fuel Storage Yard is used for stockpiling of wood fuel. These fuels are stored in windrows and are situated on the western one-half of the parcel.
Office and Maintenance Building	The lower floor of this building includes a shop and maintenance area. The upper floor includes office space, and also houses the facility's control room.
Ammonia Tank	Anhydrous ammonia used for the Selective Non-Catalytic Reduction (SNCR) unit is stored in a steel aboveground pressure vessel located west of the boiler structure.
Storm Water Pond	The storm water pond receives rain water from areas of the plant that are not in contact with oil filled equipment. The Pond does not discharge from the property.
Aboveground Diesel Fuel Tank	A 4,000 gallon single compartment double walled steel above ground tank is used for fueling vehicles and equipment. The tank is situated on a concrete pad and is surrounded by crash posts (bollards).
Ash Storage Areas	Fly ash is stored on the ground surface south of the Wood Fuel Storage Yard prior to offsite shipment. Bottom Ash is stored in a nearby separate storage area also south of the Wood Fuel Storage Yard.

The facility is bounded to the north by W. Schulte Road and agricultural land. The facility is bounded to the east by an access road and agricultural land. The western edge of the property is also used for agricultural purposes. A manufacturing facility is located immediately south of the facility.

2.1.2 Oil Storage and Use

The petroleum products used at this facility include lubricants and oils used in vehicles and mechanical equipment, diesel fuel stored in several containers and tanks, and transformer oils used in electrical equipment.

Oil is stored and/or used in several main areas of the facility. The following presents an overview of the main oil storage containers and their classification under SPCC regulations. All containers with a capacity of 55 gallons or more are included. Table 2-1 also includes additional data about this equipment; the locations of the containers and equipment is presented on Figure 1.

Table 2-1:Oil Storage and Use-Description of Equipment

ID No.	Equipment	Description	SPCC Classification	Content	Capacity (gallons)
1	**Diesel Storage Tank**	-Double walled Steel tank	Bulk Storage Container	Diesel Fuel	4000
2	**Fire Pump House Tank**	Single wall steel tank with concrete containment basin	Bulk Storage Container	Diesel Fuel	300
3	**Lubricating Oil System Tank**	Steel reservoir surrounded by concrete containment	Oil filled Operating Equipment	Lube Oil	1500
4A	**Truck Tipper #1**	Steel hydraulic oil reservoir with concrete containment	Oil filled Operating Equipment	Hydraulic Oil	220
4B	**Truck Tipper #2**	Steel hydraulic oil reservoir with concrete containment	Oil filled Operating Equipment	Hydraulic Oil	220
5	**Main Transformer**	Steel transformer casing with other electrical features	Oil filled Electrical Equipment	Mineral Oil	3520
6	**Auxiliary Transformers (4)**	Steel transformer casing with other electrical features	Oil filled Electrical Equipment	Mineral Oil	Aux #1-4160V: 253 Aux #2-4160V: 411 Aux #1-480V: 352 Aux #2-480V: 352
7	**ESP Transformers (4)**	Steel transformer casing w/stainless steel containment	Oil filled Electrical Equipment	Mineral Oil	55 each (4 total)
8	**Cathodic Rectifier**	Steel casing w/concrete containment berm	Oil filled Electrical Equipment	Mineral Oil	55
9	**Oil Water Separator***	Fiberglass and/or fiberglass coated steel in concrete containment	Other*	Oily Water	611*
10	**Portable Diesel Tank**	Welded Steel	Portable Bulk Storage Container	Diesel Fuel	100
11	**Motor Oil Tank**	Welded Steel in bermed containment area	Portable Bulk Storage Container	Motor Oil	100
11	**Hydraulic Oil Tank**	Welded Steel in bermed containment area	Portable Bulk Storage Container	Hydraulic Oil	100
11	**Drum Storage**	DOT-rated Drums storing used oil, motor oil, lubricating oil	Portable Bulk Storage Container	Used oil, motor oil, lube oil, other petroleum products	7 @ 55 Gal Total

*****Under 40CFR112.8 (b). Oil water separators used exclusively for wastewater treatment are not classified as a "bulk storage container" unless they hold oil. This system treats water with only traces of oil. Accordingly, it is not calculated in the oil storage capacity of the facility. Under APSA, since this container contents processes oily water with a concentration of less than 5% oil (CA H&SCode 25270.6), it is not classified a oil storage tank. For the purposes of this plan, it is not considered a bulk storage container nor a tank subject to APSA. It is included here for completeness.

2.2 Evaluation of Discharge Potential(40 CFR 112.7(a)(3))

2.2.1 Distance to Navigable Waters and Adjoining Shorelines and Flow Paths

The facility has been designed such that no liquids, including rainfall, leave the site. Process water, as well as stormwater that has been in contact with operating equipment is routed to the oil water separator and is subsequently re-used for dust suppression or for process purposes. The facility has been graded such that stormwater is directed to a dedicated pond situated on the northeast corner of the site, which has no outlet.

Since the site is graded to be self contained, there are no containers or equipment for which secondary containment is not "practicable" as described by 112.7(d)

2.2.2 Discharge/Spill History

Small leaks may develop around operating equipment, including the tanks, containers, electrical and operating equipment. Plant vehicles and equipment are inspected periodically and repaired to stop leaks. Small spills of this nature are not reportable. Oil discharges are confined and cleaned up within the building. All oil spills are confined and cleaned up immediately.

The facility has not had discharges that require reporting as outlined in SPCC Regulations.

Part 3: Discharge Prevention - General SPCC Provisions

The following measures are implemented to prevent oil discharges during the handling, use, or transfer of oil products at the facility. Oil-handling employees have received training in the proper implementation of these measures.

3.1 Compliance with Applicable Requirements (40 CFR 112.7(a)(2))

This facility uses a variety of means to prevent the discharge of oil from the facility. Due to the site's grading and design, no off-site discharges can occur. Secondary containment is provided for tanks, equipment and containers.

The facility has adequate secondary containment for all oil sources at the site. Alternative or environmentally equivalent methods are not necessary. Part 4 of this document, Discharge Prevention SPCC Provisions for Onshore Facilities, describes the secondary containment details for the facility.

3.1.1 Maintenance Activities

Releases can occur during maintenance activities. Maintenance and operating personnel are trained to consciously work to prevent releases. They plan their activities to anticipate potential releases and work to ensure that releases do not occur.

3.1.2 Transfer Operations

During a diesel fuel delivery to the Diesel Fuel Storage Tank, fuel is transferred from the delivery truck into the tank through a four-inch diameter fill port located on the top of the tank. The fill port of each tank compartment is equipped with an overfill shut off valve, which automatically closes when the liquid level in the tank reaches 95%. The fuel delivery driver continually supervises the tank filling operation. Constant supervision during the transfer process ensures minimal spillage. A spill response kit is situated adjacent to the diesel fuel tank for immediate availability in the event of a release.

Lubricating and hydraulic oils are used at the facility. During maintenance activities, oils are transferred using secondary containers, or are pumped into and out of the equipment from drums or other containers.

Drums in active use are stored in secondary containment. Transfers of oils from drums to equipment is performed over paved or concrete surfaces where possible.

The integrity testing program for bulk storage containers is presented in Section 4.2.

3.2 Facility Layout Diagram (40 CFR 112.7(a)(3))

Figure 1 shows the general location of the facility on a U.S. Geological Survey topographic map. Figure 2 presents a layout of the facility and the location of the major features of the site, including oil filled equipment, storage tanks and drums. The diagram also shows the location of storm water drain inlets and the direction of surface water runoff. As required under 40 CFR 112.7(a)(3), the facility diagram indicates the location and content of all equipment and ASTs, transfer areas and connecting piping. The facility does not have any underground storage tanks (USTs).

3.3 Spill Reporting (40 CFR 112.7(a)(4))

The facility operator has developed a standard response plan that includes spill and release reporting for the facility. Additional spill reporting information is provided in Section 5 of this Plan. The discharge notification form included in Appendix I will be completed upon immediate detection of a discharge and prior to reporting a spill to the proper notification contacts.

3.4 Potential Discharge Volumes and Direction of Flow (40 CFR 112.7(b))

Table 3-1 presents expected volume, discharge rate, general direction of flow in the event of equipment failure, and means of secondary containment for different parts of the facility where oil is stored, used, or handled.

Table 3-1 Potential Discharge Volumes and Direction of Flow

ID No.	Equipment	Potential Event	Maximum Discharge Volume	Predicted Direction of Flow	Max Discharge Flow Rate* (gpm)	Secondary Containment
1	**Diesel Storage Tank**	Tank Failure	4000	Into secondary shell of tank	0-2000	Integral Secondary Tank
2	**Fire Pump House Tank**	Tank Failure	300	Into concrete containment beneath tank	0-150	Reinforced Concrete
3	**Lubricating Oil System Tank**	Casing Rupture	1500	Into concrete containment beneath tank	0-750	Reinforced Concrete
4A	**Truck Tipper #1**	Casing Rupture	220	Into concrete containment	0-110	Reinforced Concrete
4B	**Truck Tipper #2**	Casing Rupture	220	Into concrete containment	0-110	Reinforced Concrete
5	**Main Transformer**	Casing Rupture	3520	Into concrete containment	0-1760	Reinforced Concrete
6	**Auxiliary Transformers (4)**	Casing Rupture	Aux #1-4160V: 253 Aux #2-4160V: 411 Aux #1-480V: 352 Aux #2-480V: 352	Into concrete containment	0-205	Reinforced Concrete
7	**ESP Transformers (4)**	Casing Rupture	55 each (4 total)	Into steel containment box beneath equipment	0-28	Steel containment structure
8	**Cathodic Rectifier**	Casing Rupture	55	Into concrete containment	0-28	Reinforced Concrete
9	**Oil Water Separator****	Container Failure	611	Into concrete containment	0-305	Reinforced Concrete
10	**Portable Diesel Tank*****	Tank Failure	100	Into concrete containment	0-50	Reinforced Concrete
11	**Motor Oil Tank**	Tank Failure	100	Into containment bermed area	0-50	Containment Berm Area
11	**Hydraulic Oil Tank**	Tank Failure	100	Into containment bermed area	0-50	Containment Berm Area
11	**Drum Storage**	Drum Upset	55	Into containment bermed area	0-28	Containment Berm Area

* Estimated. Flow rates range from instantaneous to gradual. Max flow rates estimated at 50% of capacity, unless otherwise described

** This unit contains oily water, not oil, and therefore not counted in the capacity of oil at the facility. The discharge and the flow direction is included for completeness.

*** The direction of flow for this portable tank is based on the location where the tank is routinely stored when not in active service.

3.5 Containment and Diversionary Structures (40 CFR 112.7(c))

Methods of secondary containment at this facility include a combination of structures such as berms, barriers, engineered concrete containment berms, drainage systems, (e.g., dike, berm, built-in secondary containment), drainage systems, and land-based spill response (e.g., sorbents) to prevent oil from reaching navigable waterways or leaving the site: The following table section presents an overview of the containment and diversionary structures used at the site:

Table 3-2 Containment and Diversionary Structures

ID No.	Equipment	Equipment	Secondary Containment
1	**Diesel Storage Tank**	Bulk Storage Container	Integral containment by double walled steel tank
2	**Fire Pump House Tank**	Bulk Storage Container	Concrete Containment
3	**Lubricating Oil System Tank**	Oil filled Operating Equipment	Concrete Containment
4A	**Truck Tipper #1**	Oil filled Operating Equipment	Concrete Containment
4B	**Truck Tipper #2**	Oil filled Operating Equipment	Concrete Containment
5	**Main Transformer**	Oil filled Electrical Equipment	Concrete Containment
6	**Auxiliary Transformers (4)**	Oil filled Electrical Equipment	Concrete Containment
7	**ESP Transformers (4)**	Oil filled Electrical Equipment	Steel Pans beneath Transformers
8	**Rectifier**	Oil filled Electrical Equipment	Concrete Containment
9	**Oil Water Separator**	Other	Concrete Containment
10	**Portable Diesel Tank**	Portable Bulk Storage Container	Concrete Containment
11	**Motor Oil Tank**	Portable Bulk Storage Container	Asphaltic-concrete berm containment
11	**Hydraulic Oil Tank**	Portable Bulk Storage Container	Asphaltic-concrete berm containment
11	**Drum Storage**	Portable Bulk Storage Container	Asphaltic-concrete berm containment

Additional information about the containment structures is presented below, arranged by the type and classification of this equipment. Containment calculations are included on the figures constructed for each area.

Operating Equipment

Lubricating Oil System Tank: This tank is constructed of steel and is surrounded by a reinforced concrete berm. This tank contains roughly 1500 gallons, and is interconnected to the plant's operating equipment, providing lubrication of the turbine and related parts. In the event of tank casing rupture, oil

would be discharged into the containment berm that surrounds the area. The loss of lubricant for the plant equipment would result in a bearing temperature alarm, notifying plant operators. Calculations for the capacity of the secondary containment are included on Figure 5.

Truck Tippers #1 and #2: This equipment includes hydraulic lifts for raising truck trailers for unloading wood waste. The oil reservoirs that provide the hydraulic oil used in the system are situated inside of an engineered concrete containment area. If a catastrophic failure of the reservoir occurred, the hydraulic machinery would likely become non-operational, and the oil would be contained within the spill containment berms. The tippers are identical in design, oil storage capacity and containment. Calculations for the capacity of the secondary containment are included on Figure 6.

Oil Filled Electrical Equipment

Generally, oil filled electrical equipment such as transformers at the site are monitored continuously as part of the operations of the power plant. In the event of a catastrophic failure, the control room would receive indication via malfunction relays. In this event, operators would investigate and begin appropriate cleanup operations.

ESP Transformers: This equipment has steel containment boxes situated immediately below each transformer to capture any oil that would be released. Each transformer contains approximately 55 gallons of mineral oil. If a release to occur, the liquids would be contained within the stainless steel containment boxes. Calculations for the capacity of the secondary containment are included on Figure 9.

Main Transformer: This equipment has an engineered reinforced concrete basin. In the event this transformer failed, the oil would be collected in the concrete basin. In the event the transformer failed, indication would be immediately noted in the plant's control room, as the generators would be separated from the power grid. Calculations for the capacity of the secondary containment are included on Figure 7.

Auxiliary Transformers: Four auxiliary transformers are situated in a common containment area inside the electrical substation fencing. The containment consists of engineered reinforced concrete basins beneath the transformer and related equipment. It is likely that the control room would receive an indication in the event of the failure of this equipment. Calculations for the capacity of the secondary containment are included on Figure 8.

Bulk Storage Containers

These are described in more detail in Section 4.2.2.

Above ground Diesel Storage Tank: This tank is constructed of double walled steel, and is situated on a concrete pad with bollards for crash protection. The design of the secondary integral shell provides integral containment for the tank. In the unlikely event of failure of one or both compartments, the tank's secondary shell should contain the liquids. All piping and the dispenser is above ground. The piping to the dispenser is equipped with anti-siphon valves to prevent inadvertent siphoning in the event of piping rupture. The configuration of the system is included in Figure 3.

Fire Pump House Tank: This tank is used for fueling the diesel fueled powered fire pumps. It is composed of single wall steel, secured on steel posts and surrounded by a dedicated concrete berm. It is situated inside the Fire Pump House. Review of the containment area and calculations for the capacity of the secondary containment reveals that the existing containment structure located immediately beneath the tank is slightly undersized. Supplemental containment for this tank is provided by the floor of the Fire Pump House and by sorbents staged in the building. Calculations for the capacity of the secondary containment are included on Figure 4.

Portable Bulk Storage Containers

Motor Oil and Hydraulic Oil Tanks: These single walled steel tanks are situated within a bermed containment area in the Oil Storage Area. Calculations for the capacity of the secondary containment are presented on Figure 11.

Portable Diesel Tank This tank is housed in a frame that allows the tank to be moved around the facility for fueling equipment. The tank is normally stored in a location with suitable secondary containment adjacent to the Diesel Fuel tank.

Drums: A variable number of product drums are stored in the Oil Storage Area. This area uses asphaltic concrete berms for containment. Calculations for the capacity of the secondary containment are presented on Figure 11.

In addition to the methods described above, the facility uses drip pans and sorbents for capturing and containing any minor leaks from equipment that may occur. Spill kits are situated at various locations at the facility. The locations of spill kits are noted on Figure 2.

Other Equipment

Oil Water Separator: This equipment is constructed of fiberglass and fiberglass coated steel. It is used exclusively for waste water treatment; however, it is used for meeting drainage requirements under 40CFR112. It does not hold oil; accordingly it is classified as other for this plan, as it does not contain oil and is exempted from most provisions of 40CFR112. It is not counted in the facility's threshold. The separator is located in a concrete bermed area that provides secondary containment for this equipment.

3.6 Practicability of Secondary Containment (40 CFR 112.7(d))

The Facility has determined that secondary containment is practicable at this facility.

3.7 Inspections, Tests, and Records (40 CFR 112.7(e))

As required by the SPCC rule, the Facility performs the inspections, tests, and evaluations presented in the following table. Table 3-3 summarizes the various types of inspections and tests performed at the facility. The inspections and tests are described later in this section, and in the respective sections that describe different parts of the facility (e.g., Section 4.2.6 for bulk storage containers). Inspections are also performed when a container undergoes a repair, alteration, or change in service that might affect the risk of discharge or failure.

Table 3.3: Inspection and Testing Program

Facility Component	Action	Equipment	Frequency/Circumstances
Aboveground Bulk Storage Containers	Visual Check for Container Integrity	Diesel Storage Tank Diesel Fire Pump Tank Portable Tanks and containers in Oil Storage Area, including drums Portable Diesel Tank	Monthly: Monthly SPCC Inspection Checklist Annually: Annual SPCC Inspection Checklist
Aboveground Oil Filled Electrical Equipment	Check for leaks/spills	Main Transformer Aux Transformers ESP Transformers Cathodic Rectifier	Monthly: Monthly SPCC Inspection Checklist
Aboveground Oil Filled Operating Equipment	Check for leaks/spills	Lube Oil Tank Truck Tippers #1 and #2 Turbine Oil Tank	Weekly: Work Orders performed by operations personnel
Supports/Foundations for Items above	Inspect supports and foundations	Diesel Tank Diesel Fire Pump Tank Tanks in Oil Storage Area	Monthly & Annually
Piping, valves, and appurtenances	Assess general conditions of valve glands and bodies, flange joints, supports, expansion joints	Diesel Tank Diesel Fire Pump Tank Tanks in Oil Storage Area Portable Diesel Tank	Monthly & Annually
Secondary Containment Structures	Inspect for signs of deterioration, discharges, accumulation of oil inside contained areas	All equipment above	Monthly

3.7.1 Daily Inspection

Facility employees perform a walk-through of the facility each day. This daily visual inspection involves looking for tank/piping damage or leakage, stained or discolored soils, or excessive accumulation of water in containment and bermed areas and other indications of a potential release from oil filled equipment. The inspection details are recorded in plant operating records.

3.7.2 Monthly Inspection

The checklist provided in Appendix III is used for monthly SPCC inspections by facility personnel for bulk storage containers. The monthly inspections cover the following key elements:

- Observing the exterior of equipment, including tanks and piping, for signs of deterioration, leaks, corrosion, and thinning.
- Observing tank foundations and supports for signs of instability or excessive settlement.
- Observing the tank fill and discharge pipes for signs of poor connection that could cause a discharge, and tank vent for obstructions and proper operation.
- Verifying the proper functioning of overfill prevention systems.
- Checking the inventory of discharge response equipment and restocking as needed.

All problems regarding tanks, piping, containment, or response equipment must immediately be reported to the appropriate Supervisor consistent with plant operating procedures and practices. Visible oil leaks from tank walls, piping, or other components must be repaired as soon as possible to prevent a larger spill

or a discharge. Pooled oil is removed immediately upon discovery. Written monthly inspection records are reviewed consistent with standard operating procedures and practices and maintained with this SPCC Plan for a period of three years

3.7.3 Annual Inspection

Facility personnel perform a more thorough inspection of stationary bulk storage containers on an annual basis. This annual inspection complements the monthly inspection described above and is performed each year using the checklist provided in Appendix IV of this Plan.

The annual inspection is preferably performed after a large storm event in order to verify the imperviousness and/or proper functioning of drainage control systems. Written annual inspection records are reviewed consistent with plant practices and maintained with this SPCC Plan for a period of three years.

3.7.4 Periodic Integrity Testing

In addition to the above monthly and annual inspections by facility personnel, bulk storage containers are periodically evaluated following the Steel Tank Institute (STI) *Standard for the Inspection of Aboveground Storage Tanks*, SP-001, 2011 version, as described in Section 4.2.6 of this Plan.

3.8 Personnel, Training, and Discharge Prevention Procedures (40 CFR 112.7(f))

The Plant Manager is the facility designee and is responsible for oil discharge prevention, control, and response preparedness activities at this facility. The Facility's management has instructed oil-handling facility personnel in the operation and maintenance of oil pollution prevention equipment, discharge procedure protocols, applicable pollution control laws, rules and regulations, general facility operations, and the content of this SPCC Plan. Any new facility personnel with oil-handling responsibilities are provided with this same training prior to being involved in any oil operation.

Annual discharge prevention briefings and SPCC training are held at the plant for all facility personnel involved in plant operation. The training is aimed at ensuring continued understanding and adherence to the discharge prevention procedures presented in the SPCC Plan. The briefings also highlight and describe known discharge events or failures, malfunctioning components, and recently implemented precautionary measures and best practices. Facility operators and other personnel will have the opportunity during the briefings to share recommendations concerning health, safety, and environmental issues encountered during facility operations. Records of the briefings and discharge prevention training are kept at the facility administration building for a period of three years.

3.9 Security (40 CFR 112.7(g))

The Facility is fully fenced and entrance gates are locked and controlled by operators when the plant is operating, which is 24 hrs per day. In the event the plant is shutdown for overhauls or other purposes, the fences at the plant remain locked. The plant's lighting is commensurate with the type and location of the facility. Fencing and lighting considerations are a part of this plan for the following reasons:

- Discovery of spills occurring during hours of darkness, both by operating personnel, if present, and by non-operating personnel (the general public, local police, etc.).
- Prevention of spills occurring through acts of vandalism.

3.10 Tank Truck Loading/Unloading Rack Requirements (40 CFR 112.7(h))

There is not a Tank Truck Loading/Unloading Rack at this facility.

Loading of diesel fuel into the Diesel Fuel Tank and the Fire Pump Tank is performed immediately adjacent to these areas, as indicated on Figure 2.

3.11 Brittle Fracture Evaluation (40 CFR 112.7(i))

There are no field constructed tanks that contain petroleum products that are subject to the SPCC regulation at this location. Accordingly, brittle fracture evaluation requirements do not apply to this facility.

3.12 Conformance with State and Local Applicable Requirements (40 CFR 112.7(j))

The locations and quantities of all hazardous materials containers and equipment (including those subject to SPCC requirements) are submitted to San Joaquin County Department of Environmental Health as part of the Hazardous Material Management Plan (HMMP) program. The facility is also subject to the California Above ground Petroleum Storage Tank Act, which is overseen by San Joaquin County. As part of this program, a Tank Facility Statement is required to be submitted. The facility fulfills this requirement through the filing of the HMMP. Since the facility handles extremely hazardous materials, the facility is also subject to the Risk Management Plan requirements, also regulated by San Joaquin County.

The facility maintains Permits to Operate various sources at the plant, and maintains an EPA Title V Permit. Storm water does not discharge from this facility, and accordingly the facility claims exemption from the Storm Water Pollution Prevention Plan (SWPP) preparation requirements. The facility is in substantial compliance with these regulations and programs.

PART 4: Discharge Prevention – SPCC Provisions for Onshore Facilities (Excluding Production Facilities)

4.1 Facility Drainage (40 CFR 112.8(b))

An engineered drainage system, which includes catch basins and drainage ditches, is used at the site. All drainage from facility grounds is either routed to oil water separator treatment system and re-used, or is directed to the closed end stormwater pond, which has no outlet. Areas along the perimeter drain to low spots that are contained onsite. The facility drainage system is presented on Figure 2.

When water accumulates in a secondary containment to the extent that 10% or more of the containment volume is occupied, then the water will be removed. The operator must first inspect the surface of the water to confirm no sheen or evidence of contamination.

If there is doubt as to the quality of the accumulated water, it will be managed appropriately to ensure only clean water is discharged. If contaminated, a record must then be made of the oil source, date of discharge, and volume of discharge to oil/water separator (or how otherwise managed), and actions taken to identify and correct the cause. The form used for this purpose is provided in Appendix V. If the water in containment is verified clean, it can be released to the plant's storm water drainage system. Secondary containment drain valves shall be manned during operation and promptly closed upon completion of draining operations. Secondary containment valves are closed unless the discharges as described above are occurring

Mobile/portable containers are positioned to effectively prevent discharges. Secondary containment for these containers is provided by means of spill pallets, impervious surfaces, sorbent materials, and/or, as a last resort, the facility ponds.

4.2 Bulk Storage Containers (40 CFR 112.8(c))

Table 4-1 summarizes the construction, volume, and content of bulk storage containers at the Facility.

Table 4-1: List of Bulk Oil Storage Containers

ID No.	Equipment	Location	Type and Construction Standard	Content	Capacity (gallons)	Discharge Prevention & Containment
1	**Diesel Storage Tank**	Fueling Area S. of Water Tank	Steel, Horizontal, UL142	Diesel	4000	Integral Double walled tank
2	**Fire Pump House Tank**	Inside Firehouse Building	Steel, Horizontal UL 142	Diesel	300	Containment Pallet inside building
10	**Portable Diesel Tank**	Varies	Steel, Horizontal	Diesel	100	Within Area drained by Oil Water Separator
11	**Motor Oil Tank**	Oil Storage Area	Steel, Horizontal,	Motor Oil	100	Within bermed containment area
11	**Hydraulic Oil Tank**	Oil Storage Area	Steel, Horizontal,	Hydraulic Oil	100	Within bermed containment area
11	**Drums**	Oil Storage Area	Steel, DOT Rated	Motor, lube, hydraulic, used oils	7 drums @ 55 gallon capacity	DOT rated drums, designed for single use. Within bermed containment area

4.2.1 Construction (40 CFR 112.8(c)(1))

The design and construction of all bulk storage containers are compatible with the characteristics of the oil product they contain, and with temperature and pressure conditions. All containers are constructed to accepted industry standards. Ancillary piping is made of steel and placed aboveground on appropriate supports designed to minimize erosion and stress.

4.2.2 Secondary Containment (40 CFR 112.8(c)(2))

The secondary containment used at the facility to prevent discharges for equipment is depicted on the respective figures for the equipment (Figures 3, 4 and 11). These documents also include the calculations used in support of the containment, including consideration of a 24 hour, 25 year storm. Appendix VI includes photos of the equipment and the containment for most of the regulated equipment at the site.

The 55-gallon drums are located in the bermed area. When used at other locations, the drums are placed on spill pallets which provide suitable containment.

4.2.3 Drainage of Diked Areas (40 CFR 112.8(c)(3))

There are no diked areas at the facility where stormwater is drained. Localized containment, as described in Section 3, is used for containing areas where a potential release could occur. Stormwater at the site is collected in ponds and ditches. The facility is graded such that no offsite discharges occur.

4.2.4 Corrosion Protection (40 CFR 112.8(c)(4))

None of the containers described in this section are in contact with soil directly; all are supported on saddles, supports, asphalt or concrete. Since no tanks are in contact with soil, the potential for extensive corrosion is relatively low. Certain tanks, such as the diesel storage tank, have a factory applied coating for corrosion prevention. There are no buried metallic tanks at the facility. .

4.2.5 Partially Buried and Bunkered Storage Tanks (40 CFR 112.8(c)(5))

This section is not applicable since there are no partially buried or bunkered storage tanks at this facility.

4.2.6 Inspections and Tests (40 CFR 112.8(c)(6))

Visual inspections of the bulk storage containers are performed by facility personnel according to the program described in this SPCC Plan. Leaks from tank seams, gaskets, rivets, and bolts are promptly corrected. Records of inspections and tests are signed by the inspector and kept at the facility for at least three years.

The scope and schedule of certified inspections and tests performed on the facility's bulk storage containers are specified in STI Standard SP-001. The external inspection includes annual and monthly inspections. No formal physical testing is required for this facility, unless experience, container damage, or other indications suggest that physical testing is necessary. Since all bulk storage containers are below 5000 gallons and are classified as Category 1 using the SP-001 standard, formal external inspections by a STI Certified Inspector are not required. The facility began using the STI Standard based inspection process for integrity testing purposes in 2011. Table 4-2 summarizes inspections and tests performed on bulk storage containers.

Table 4-2: Bulk Storage Containers--Integrity Testing Requirements

ID No.	Equipment	Type and Construction Standard	Discharge Prevention & Containment	Integrity Testing Type	Inspection Frequency
1	**Diesel Storage Tank**	2X walled Steel, Horizontal, UL142, Shop Fabricated	Integral Double walled tank	STI Category 1, follows SP-001	Periodic by Owner's Inspector (M,A)
2	**Fire Pump House Tank**	Steel, Horizontal, UL142, Shop Fabricated	Tank inside building with containment below tank	STI Category 1, follows SP-001	Periodic by Owner's Inspector (M,A)
10	**Portable Diesel Tank**	Steel, Horizontal, Shop Fabricated	Tank normally stored on concrete	Portable, follows STI SP-001	Periodic by Owner's Inspector (M)
11	**Motor Oil Tank**	Steel, Horizontal, Shop Fabricated	Single wall tank in containment	Portable, follows STI SP-001	Periodic by Owner's Inspector (M)
11	**Hydraulic Oil Tank**	Steel, Horizontal, Shop Fabricated	Single wall tank in containment	Portable, follows STI SP-001	Periodic by Owner's Inspector (M)
11	**Drums**	Steel, DOT Rated	DOT rated drums, designed for single use. Containment Pallets for active drum use	Portable, follows STI SP-001	Periodic by Owner's Inspector (M)

M=Monthly A: Annually

4.2.7 Heating Coils (40 CFR 112.8(c)(7))

There are no heating coils used for tanks or containers holding petroleum products regulated under SPCC requirements at this facility.

4.2.8 Overfill Prevention Systems (40 CFR 112.8(c)(8))

All bulk storage containers with capacity of greater than 100 gallons are equipped with a direct-reading level gauge. During filling operations, the delivery driver checks the gauge level to confirm the delivery load amount, which reduces the risk of overfilling. In addition, the diesel storage tank has an overfill prevention device installed in the fill tube of each compartment of the tank, which physically stops fuel delivery flow at 95% of the capacity of the compartment. A spill containment box with a capacity of approximately 7 gallons is situated on the fill port of the tank to provide a means to control minor spills that could occur during filling. Trained personnel from the fuel supplier are present throughout the filling operations to monitor the product level in the diesel fuel tank.

Vehicles fueling at the diesel storage tank are attended continuously during the fueling process, which reduces the risk of vehicle overfilling and spills.

The filling of the smaller portable tanks and containers at the Facility (including the Fire Pump House diesel fuel tank, and the small portable diesel tank), is closely supervised. Since the level of product in these containers is easily visible and these tanks are small, the operator can readily determine when the capacity of the container is reached. The portable diesel tank is normally stored in an area of the plant with concrete containment adjacent to the diesel fuel tank. The hydraulic oil, lube oil, and used oil tanks are filled in similar fashion, and are also stored in an area with secondary containment.

Oil storage drums are not refilled, and therefore overfill prevention systems do not apply. Used oil, if placed in drums, is managed carefully to avoid overfills. Local containment is provided by the bermed area in this area of the facility.

4.2.9 Effluent Treatment Facilities (40 CFR 112.8(c)(9))

The facility does not produce process water or other liquids from operations that requires an offsite industrial discharge permit; all process water is recycled on site for re-use in the plant. Discharges of water from the OWS is checked during operations periodically as part of plant operations.

4.2.10 Visible Discharges (40 CFR 112.8(c)(10))

Visible discharges from any container or appurtenance – including seams, gaskets, piping, pumps, valves, rivets, and bolts – are quickly corrected upon discovery. Oil is promptly removed from the containment area and disposed of according to the waste disposal method described in Part 5 of this Plan.

4.2.11 Mobile and Portable Containers (40 CFR 112.8(c)(11))

Small portable oil storage containers, such as 55-gallon drums, are stored inside containment berms in the oil storage area. Any discharged material is quickly contained and cleaned up using sorbent pads, spill absorbents and appropriate cleaning products. Drums moved to areas other than the oil storage area are placed on spill containment pallets.

The Portable Diesel Fuel Tank (100 gallons) is used in various areas of the Facility. When not in active use, this tank is stored in a concrete containment area near the Diesel Fuel Tank.

4.3 Transfer Operations, Pumping, and In-Plant Processes (40 CFR 112.8(d))

Transfer operations at this facility include the filling of the diesel storage tank by the fuel vendor, the fueling of vehicles and equipment by facility personnel, and transfer of small amounts of products into vehicles and equipment during servicing. Care is taken during these processes to guard against spills and releases, and spill equipment is available on-site in event of a releases. Operations personnel plan their work to avoid releases and spills.

There is no substantial amount of buried piping at this facility that contains oil on a routine basis.

All pipe supports are designed to minimize abrasion and corrosion and to allow for expansion and contraction. Pipe supports are visually inspected during the monthly inspection of the facility.

All aboveground piping and valves are examined monthly to assess their condition. Inspection includes aboveground valves, piping, appurtenances, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces. Observations are noted on the monthly inspection checklist provided in this Plan.

Warning signs are posted at appropriate locations throughout the facility to prevent vehicles from damaging aboveground piping and appurtenances. Bollards or K-rails are placed where needed to prevent vehicular collisions with equipment.

Part 5: Discharge Response

This section describes the response and cleanup procedures in the event of an oil discharge. The uncontrolled discharge of oil to groundwater, surface water, or soil is prohibited by state and federal laws. Immediate action must be taken to control, contain, and recover discharged product.

The facility has prepared a Safety Manual Procedure 2 (SMP-2) that is used for response to all emergencies at the facility, including releases of oil and hazardous material. The Safety Manual is comprehensive and should be used by facility personnel during events that may occur at the site. SMP-2 serves as the emergency response document for the facility, including as acting as the Contingency Plan for SPCC purposes.

SMP-2, which is included as Appendix I, presents an emergency response overview, procedures for addressing discharges, agency notification requirements, waste disposal management, and similar information as they relate to typical SPCC regulated releases.

5.1 Reporting Requirements (40 CFR 112.7(a)(3))

The following sections present typical criteria for written reporting. As all emergencies are different, this list may need to be modified to reflect site-specific conditions. Depending upon the type of release, some agencies that have been notified verbally (see SMP-2) may require additional follow-up written reporting beyond that presented in this list. Refer to SMP-2 for additional details regarding reporting requirements and obligations for submittal of follow-up documentation.

A. A written report must be submitted to the Federal Environmental Protection Agency (EPA) within 60 days whenever a facility has:

- Discharged more than 1,000 gallons of oil into navigable water in a single spill event, or
- Discharged oil in two discharges of 42 gallons or more in each of these discharges, into navigable water, within any 12-month period.

The report must be submitted to the Region IX Administrator at the following address:

Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105
Contact: National Response Center at 1-800-424-8802.

B. A written report must be submitted to the Regional Water Quality Control Board when a spill has entered or threatened a water body. The address is:

Regional Water Quality Control Board Central Valley Region Sacramento Office 11020 Sun Center Drive, #200 Rancho Cordova, CA 95670-6114 (916) 464-3291

C. A written report must be submitted to the California Department of Toxic Substances Control within 15 days of a spill that posed a hazard or potential hazard to human health, property, or the environment. The address is:

California Department of Toxic Substances Control Chief Northern Calif. Section, Region 1 10151 Croydon Way, Suite 3 Sacramento, CA 95827 (800) 852-7550

D. The California Emergency Management Agency (CAL/EMA), formerly known as the "California Office of Emergency Services" form entitled "Emergency Release Follow-Up Notice Reporting Form" must be prepared and submitted within 30 days of the date of the release to:

California Emergency Management Agency (CAL/EMA) 3650 Schriever Avenue Mather, CA 95655 (800) 852-7550

In addition, report spills greater than 42 gallons onto land or any amount entering or threatening to enter waters of the State to the California Emergency Management Agency (CAL/EMA). A written follow-up report is required.

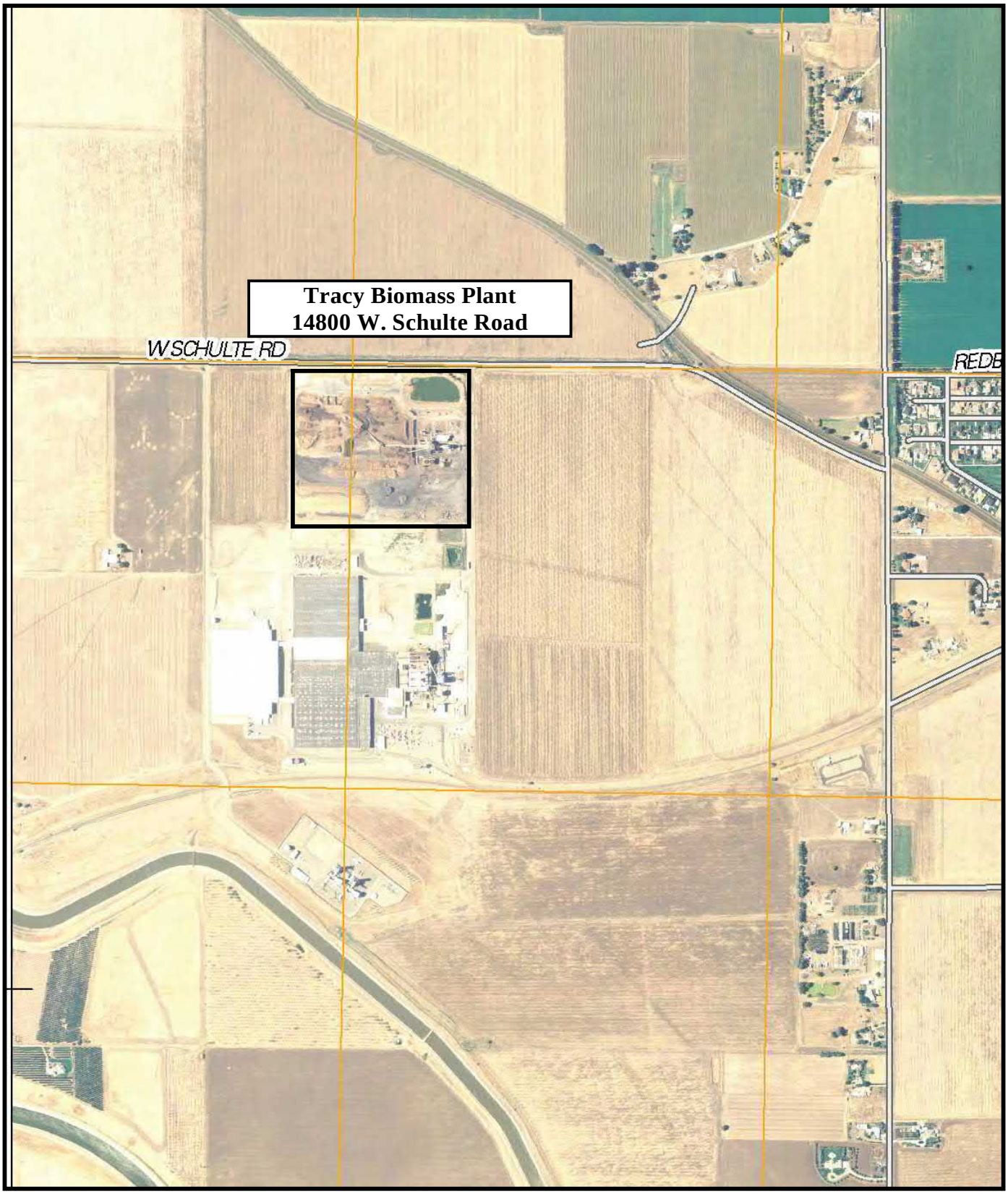
E. Copies of any of the above spill reports should also be forwarded to the Certified Unified Public Agency (CUPA-San Joaquin County) at the following address:

San Joaquin County Environmental Health Department 1868 East Hazelton Avenue Stockton, CA 95205 (209) 468-3420

5.2 Spill Response Equipment (40 CFR 112.7(a)(3))

In addition, the facility maintains spill response equipment at the site. The spill equipment inventory is checked monthly, during the SPCC Inspection. Appendix VII provides the spill equipment inventory.

Figures

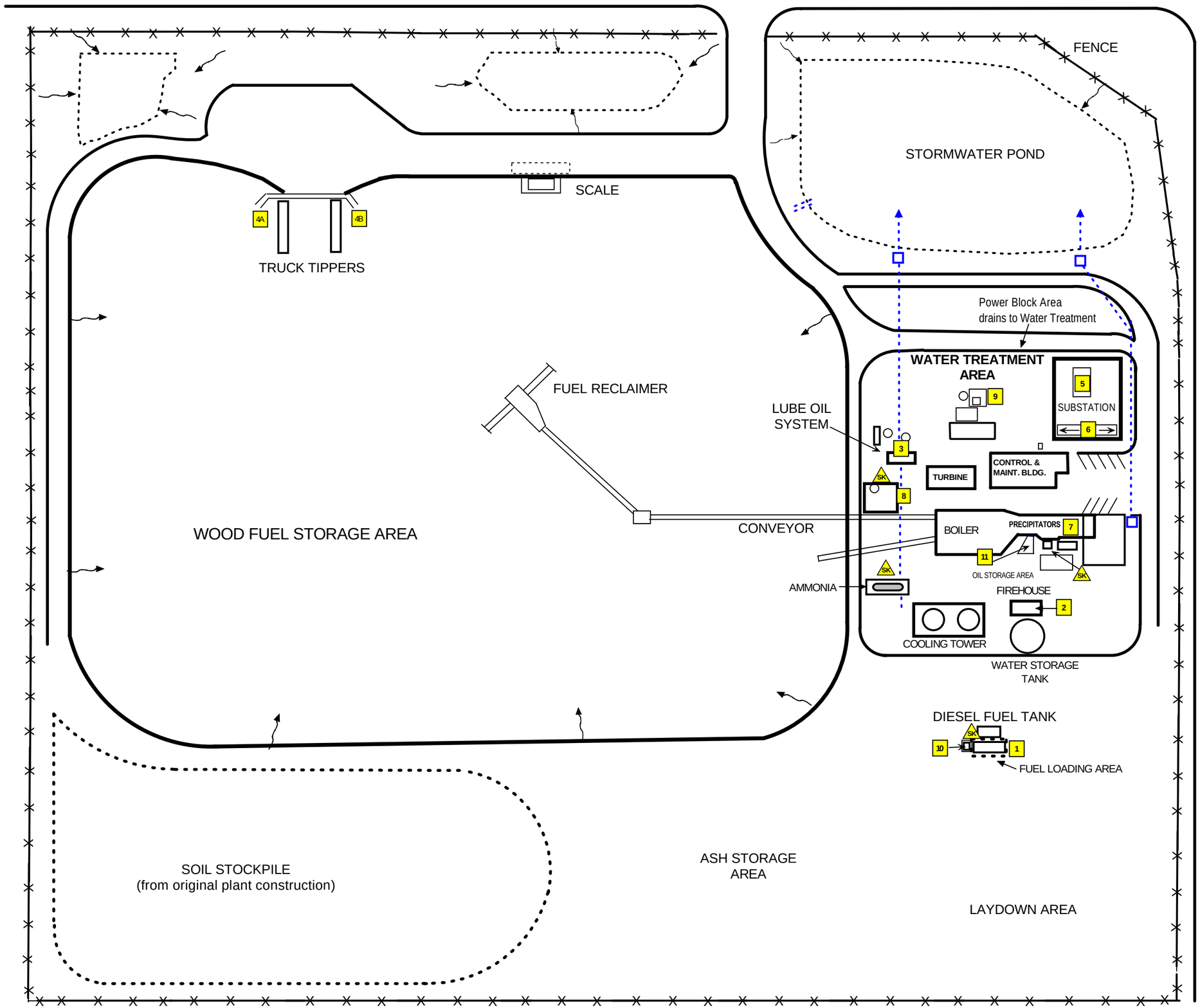


Note: Location Approximate

Source Data: USGS

N

Figure 1 Vicinity Map
Tracy Biomass Plant
14800 W. Schulte Road
Tracy, CA 95377
FLETCHER CONSULTANTS, INC.



LEGEND

- 2 — EQUIPMENT ID
- SK — SPILL KIT
- FENCE
- DRAINAGE-FLOW DIRECTION
- CATCH BASIN (loc. assumed)
- STORM DRAIN BURIED PIPING LOC. ASSUMED

NOTE: FACILITY PERIMETER DRAINAGE SWALE NOT SHOWN

	Equipment	Description	SPCC Classification	Content	Capacity (gallons)
1	Diesel Storage Tank	Double walled Steel tank	Bulk Storage Container	Diesel Fuel	4000
2	Fire Pump House Tank	Single wall steel tank with concrete containment basin	Bulk Storage Container	Diesel Fuel	300
3	Lubricating Oil System Tank	Steel reservoir surrounded by concrete containment	Oil filled Operating Equipment	Lube Oil	1500
4A	Truck Tipper #1	Steel hydraulic oil reservoir with concrete containment	Oil filled Operating Equipment	Hydraulic Oil	220
4B	Truck Tipper #2	Steel hydraulic oil reservoir with concrete containment	Oil filled Operating Equipment	Hydraulic Oil	220
5	Main Transformer	Steel transformer casing with other electrical features	Oil filled Electrical Equipment	Mineral Oil	3520
6	Auxiliary Transformers (4)	Steel transformer casing with other electrical features	Oil filled Electrical Equipment	Mineral Oil	Aux #1 -4160V: 253 Aux #2 -4160V: 411 Aux #1 -480V: 352 Aux #2 -480V: 352
7	ESP Transformers (4)	Steel transfor mer casing w/stainless steel containment	Oil filled Electrical Equipment	Mineral Oil	55 each (4 total)
8	Cathodic Rectifier	Steel casing w/concrete containment berm	Oil filled Electrical Equipment	Mineral Oil	55
9	Oil Water Separator*	Fiberglass and/or f iberglass coated steel in concrete containment	Other*	Oily Water	611*
10	Portable Diesel Tank	Welded Steel	Portable Bulk Storage Container	Diesel Fuel	100
11	Motor Oil Tank	Welded Steel in bermed containment area	Portable Bulk Storage Container	Motor Oil	100
11	Hydraulic Oil Tank	Welded Steel in bermed containment area	Portable Bulk Storage Container	Hydraulic Oil	100
11	Drum Storage	DOT-rated Drums storing used oil, motor oil, lubricating oil	Portable Bulk Storage Container	Used oil, motor oil, lube oil, other petroleum products	7 @ 55 Gal Total

*Not included in SPCC Plan Inventory, Information only

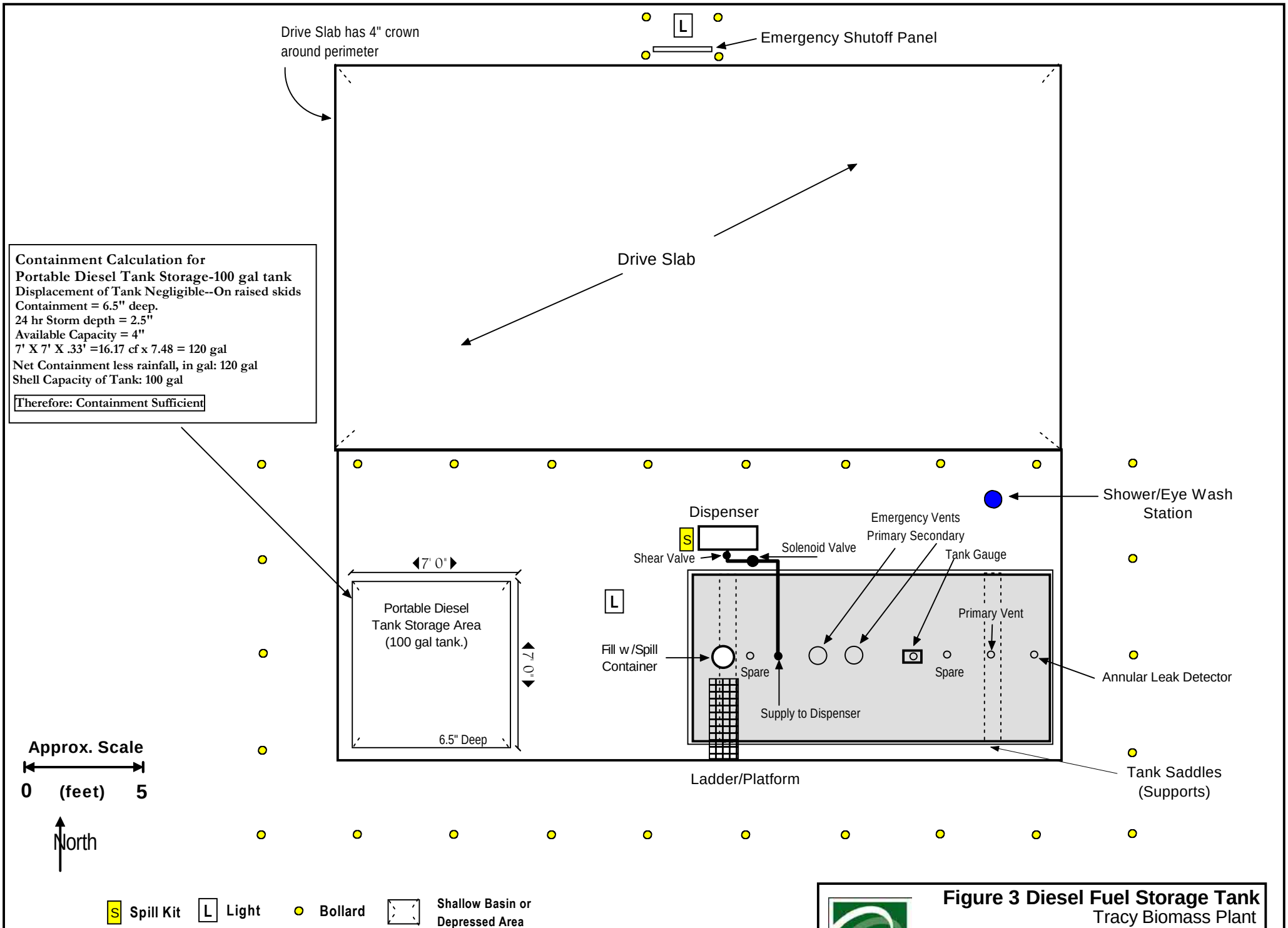
OWENS-ILLINOIS
ACCESS ROAD

N

SCALE (ft)
0 120

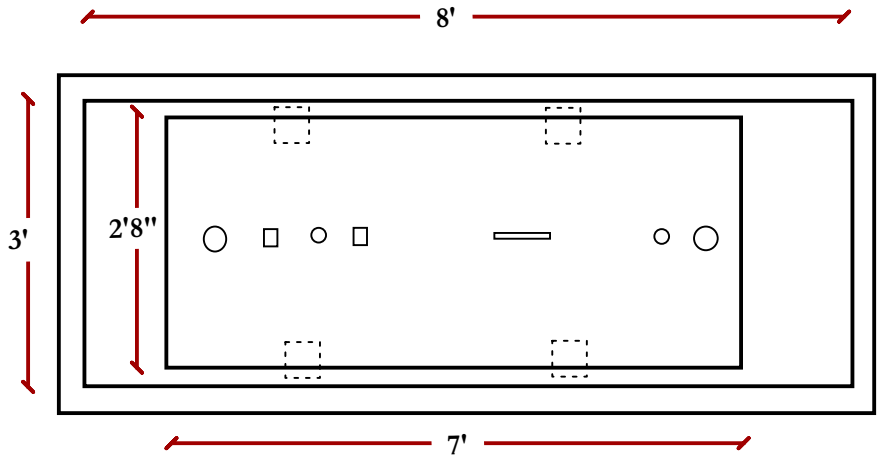
ALL LOCATIONS APPROXIMATE ONLY

Figure 2 Site Plan
Tracy Biomass Plant
14800 W. Schulte Road
Tracy, CA 95377
FLETCHER CONSULTANTS, INC.



Note: Dimensions of tank ports not to scale; not all equipment shown for clarity

Figure 3 Diesel Fuel Storage Tank
Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377-8795
FLETCHER CONSULTANTS, INC.



Diesel Fire Pump Fuel Tank
Shell Capacity: 300 gal (nom.)

<u>Containment Area</u>: **Containment Depth: 1'4" (1.33')**
8' x 3' x 1.33': 31.9 cf = 238.76 gal.

<u>Displacements--</u>None

<u>Tank Capacity (nom.) 300 gal.</u>
3.14 x 1.33 x 1.33 x 7: 39.1 cf = 292 gal

Therefore: Installed Passive Containment Not Sufficient
Supplemental Containment (Active) provided by Spill Kit in Building
and containment provided by concrete floor of Fire Pump Building

North

Approx. Scale

0 **(feet)** **2**

Note: All dimensions approximate
Containment analysis neglects piping and other ancillary equipment

Figure 4 Diesel Fire Pump Tank
Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377-8795
FLETCHER CONSULTANTS, INC.

Gross Containment Area: Containment Depth: 1'6" (1.5')
22.5' x 17.75'x 1.5': 599.1 cf

Displacements--Equipment Skid, 10" high
19' x 12.67' x 0.83': 199.80 cf
Less: Reservoir (8 ft tall)
7' x 3.5' x 1.5': 36.75 cf

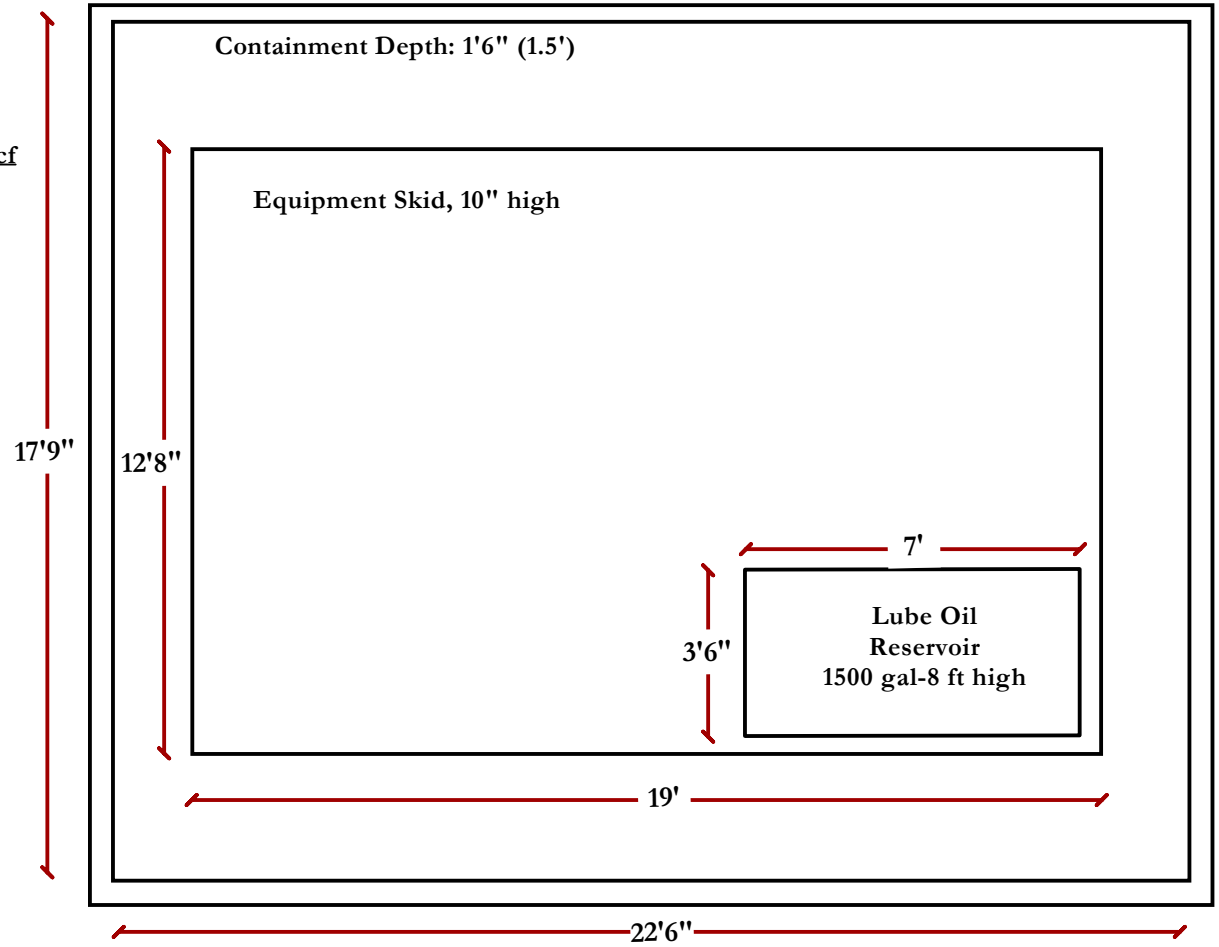
Net Containment: 599.1-(199.8 + 36.75)= 362.55 cf

Net Containment (gal)
362.55 cf x 7.48= 2712 gal

Assume 2.5 in. rainfall over Gross Containment.
399.4 sf x 0.208 ft = 83.1 cf = 621.6gal.

Net Containment, incl. Rainfall
2712-621.6= 2090 gal

Therefore: Containment Sufficient



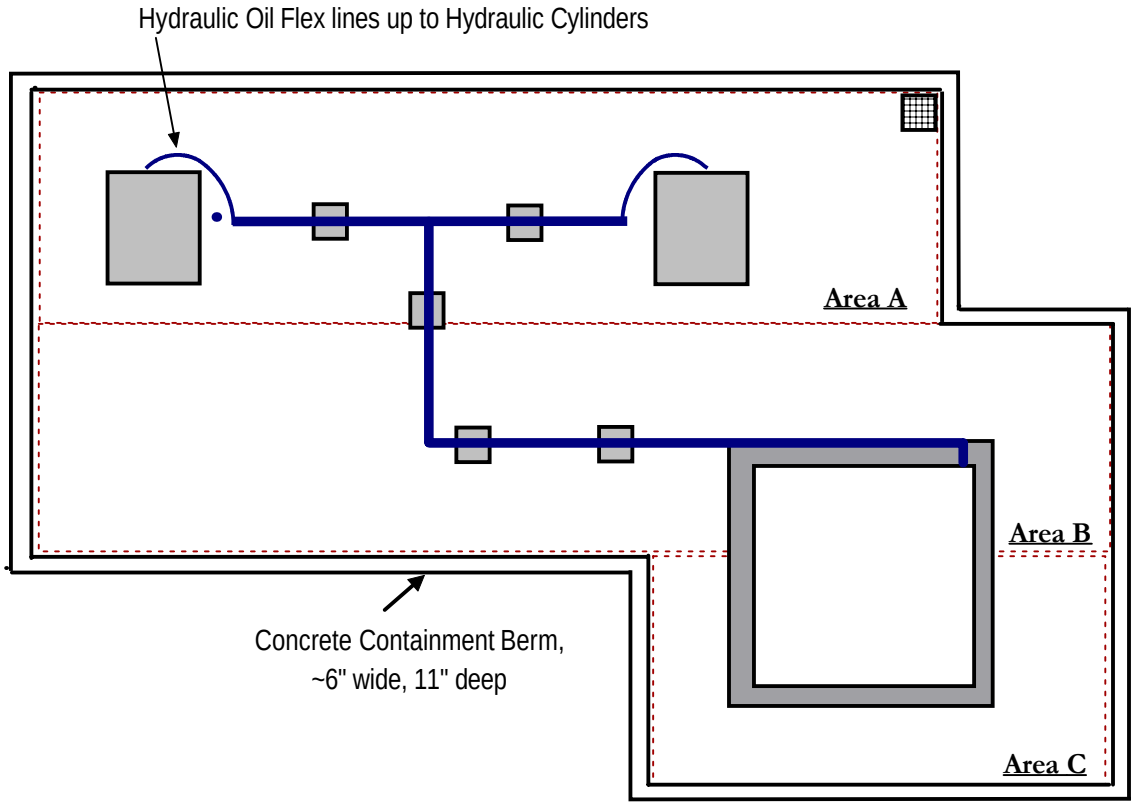
North

Approx. Scale
0 (feet) 4

25 year 24-hr Storm: 2.5 inches
Source: Precipitation Frequency Atlas of the Western United States, NOAA, Vol XI 1973

Note: All dimensions approximate
Containment analysis neglects piping and other ancillary equipment

Figure 5 Lubricating Oil System
Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377-8795
FLETCHER CONSULTANTS, INC.



Area A: 23.5' x 6': 141 sf
Area B: 28' x 6': 168 sf
Area C: 12' x 6': 72 sf

Lift Pedestal: 7' x 7': 49 sf
Hydraulic Support Columns (2): 2.5' x 3': 15 sf
Pipe Supports (5): 1' x 1': 5 sf

Total Gross Containment: 381 sf

Total Displacements: 69 sf

Net Containment (Gross-Displacement): 312 sf
Net Containment in cf, curb depth = 0.91': 283.92 cf
Net Containment, in gal, 7.48 gal/cf: 2123 gal.

Assume 2.5 in over Gross Containment. Resultant Gallons = 381 sf x 0.208 ft = 79.375 cf = 594 gal.

Net Containment less rainfall, in gal: 2123-594 = 1529 gal
Shell Capacity of Hydraulic tank: 200 gal

Therefore: Containment Sufficient

LEGEND

Concrete Pedestal/Foundation

Hydraulic Oil Piping, Galv.

Hydraulic Oil Piping, Flex

Closed End Drain Sump

Approx. Scale

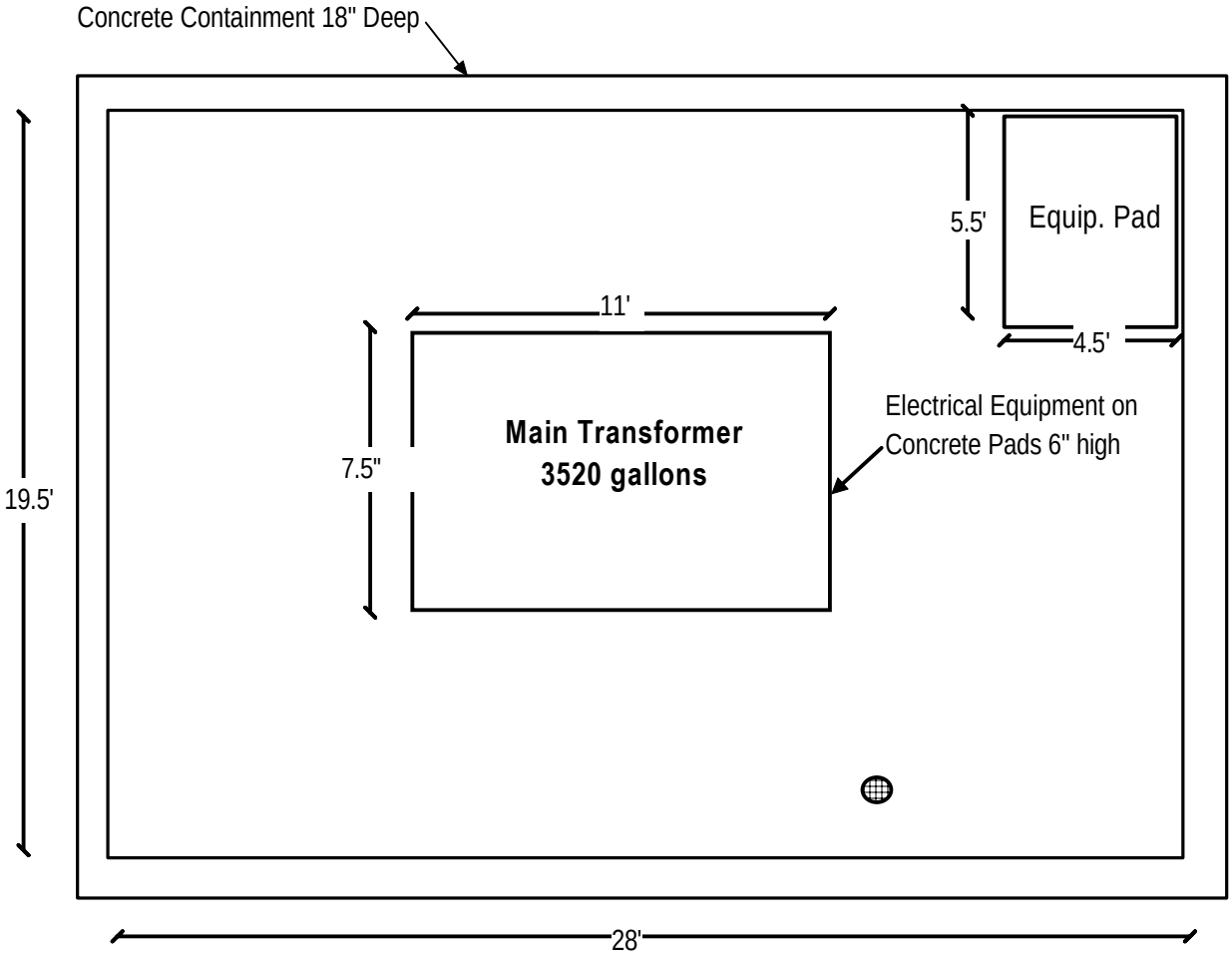
0 (feet) 5

North

Note: Configuration and sizing is mirror image for Truck Tipper #2

25 year 24-hr Storm: 2.5 inches
Source: Precipitation Frequency Atlas of the Western United States, NOAA, Vol XI 1973

Figure 6 Truck Tipper #1
Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377-8795
FLETCHER CONSULTANTS, INC.



Total Gross Containment:
28' x 19.5': 546 sf

Total Net Containment:
Gross -Displacement
546-107.25 = 438.75 sf x 1.5' deep:
658 cf = 4922.8 gal

Total Displacement
Main Xfrmr Pad: 11' x 7.5': 82.5 sf
Equip Pad: 4.5' x 5.5': 24.75 sf

Total Displacement above: 107.25 sf

Assume 2.5 in over Gross Containment. Resultant Gallons = 546 sf x 0.208 ft = 113.6 cf = 849.7 gal.

Net Containment less rainfall, in gal: 4922.8-849.7 = 4073 gal
Capacity of Transformer in containment: 3520 gal

Therefore: Containment Sufficient

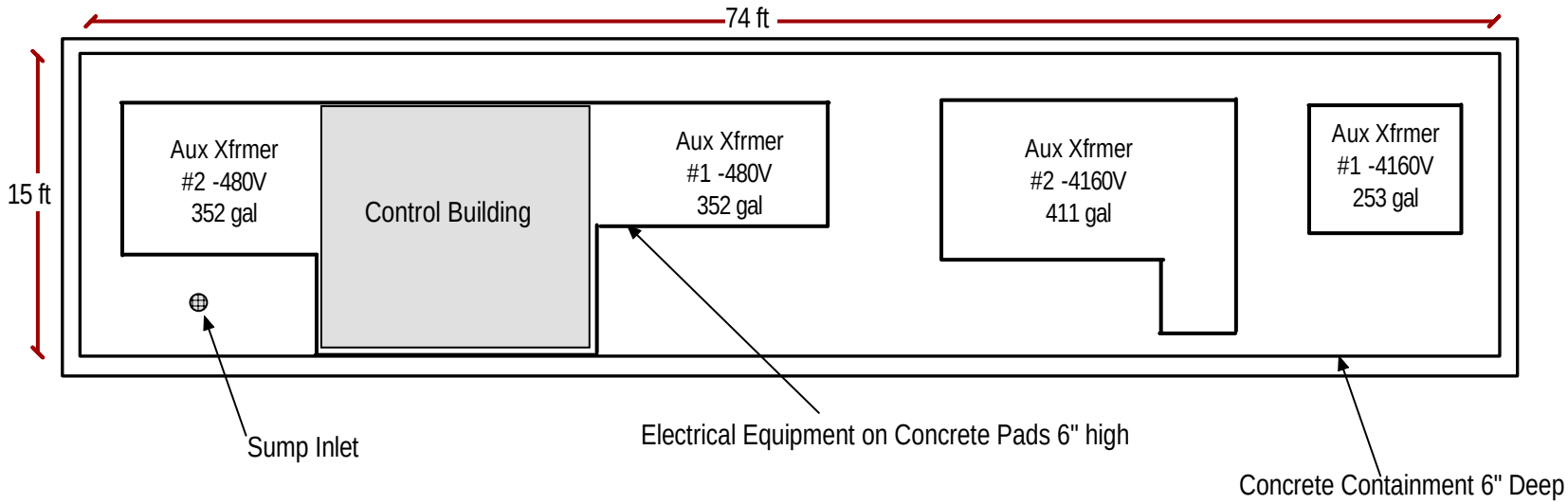
25 year 24-hr Storm: 2.5 inches
Source: Precipitation Frequency Atlas of the Western United States, NOAA, Vol XI 1973

Approx. Scale
0 (feet) 5

North

Note: Electrical Equipment Detail not shown in this figure

Figure 7 Main Transformer
Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377-8795
FLETCHER CONSULTANTS, INC.



Total Gross Containment:
74' x 15': 1110 sf

Total Net Containment:
Gross -Displacement
1110-524 = 586 sf

Contain. Depth: 0.5'
Total Containment Vol.
586' x 0.5' = 293 cf = 2192 gal

Total Displacement
Aux Xfrmr #2-480V: 10' x 8': 80 sf
Aux Xfrmr #1-480V: 12' x 6': 72 sf
Control Bldg: 14' x 13': 182 sf
Aux Xfrmr #2-4160V: 15.5' x 8': 124 sf
Aux Xfrmr #2-4160V: 3.5' x 4': 14 sf
Aux Xfrmr #1-4160V: 8' x 6.5': 52 sf
Total Displacement above: 524 sf

Assume 2.5 in over Gross Containment. Resultant Gallons = 1110 sf x 0.208 ft = 230.9 cf = 1727 gal.

Net Containment less rainfall, in gal: 2192-1727 = 465 gal
Capacity of Largest tank in containment: 411 gal

Therefore: Containment Sufficient

Note: Electrical Equipment Detail not shown in this figure

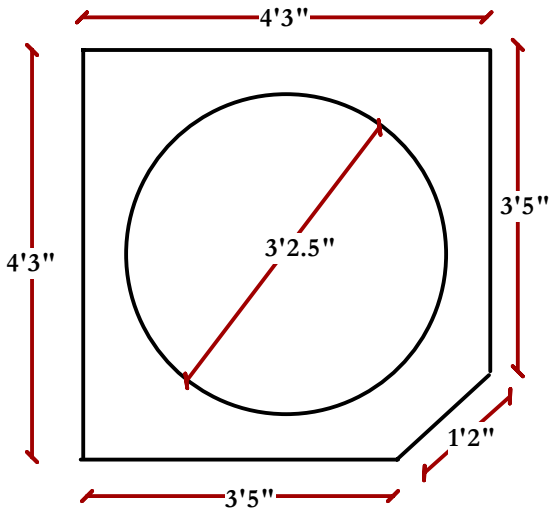
Approx. Scale
0 (feet) 10

North

25 year 24-hr Storm: 2.5 inches
Source: Precipitation Frequency Atlas of the Western United States, NOAA, Vol XI 1973

Figure 8 Auxiliary Transformers
Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377-8795
FLETCHER CONSULTANTS, INC.

Electrostatic Precipitator (typ.)
Oil Filled Electrical Equipment
in Stainless Steel Containment
4-total, Identical



Total Gross Containment
4.25' x 4.25'= 18.06 sf less
corner: 0.83' x 0.83' x 0.5=0.344 sf= 17.72 sf net

Containment Depth:
=16.75" (1.39')

Net Containment:
17.72 sf x 1.39'= 24.6 cf x 7.48 gal/cf=184 gal

Shell Size of Electrical Equipment:
38" (3.16') diameter, 1.58' radius

Displacement
3.14 x 1.58 x 1.58= 7.84 sf x 1.39'= 10.89 cf= 81.4 gal

Net Containment, in gal
184-81.4= 102.6 gal

Assume 2.5 in over Gross Containment. Resultant
Gallons = 17.72 sf x 0.208 ft = 3.68 cf = 27.5 gal.

Net Containment less rainfall, in gal: 102.6 - 27.5 = 75.1 gal
Shell Capacity of Equipment: 55 gal

Therefore: Containment Sufficient

25 year 24-hr Storm: 2.5 inches
Source: Precipitation Frequency Atlas of the Western United States, NOAA, Vol XI 1973

Approx. Scale
0 (feet) 2

Note: Electrical Equipment Detail not shown in this figure
There are four transformers total, each with identical configuration

Figure 9 Electrostatic Precipitators
Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377-8795
FLETCHER CONSULTANTS, INC.

Gross Containment Area: 5.33' x 8': 42.7 sf

Displacements
Rectifier Pad: 2.5' x 3.5': 8.75 sf
Column: 3' x 3': 9 sf

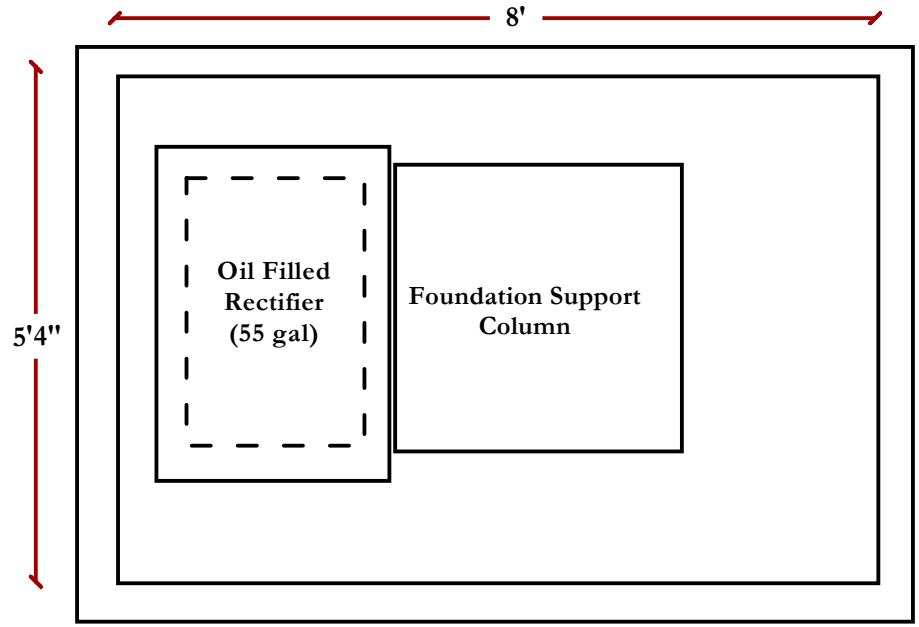
Total Displacements: 17.75 sf

Net Containment: 33.95 sf
Containment Depth: 6" (0.5')

Net Containment (gal)
33.95 x 0.5 x 7.48= 127 gal

Assume 2.5 in. rainfall over Gross Containment.
42.7 sf x 0.208 ft = 8.88 cf = 66 gal.

Therefore: Containment Sufficient



North

Approx. Scale
0 (feet) 2

Note: All dimensions approximate

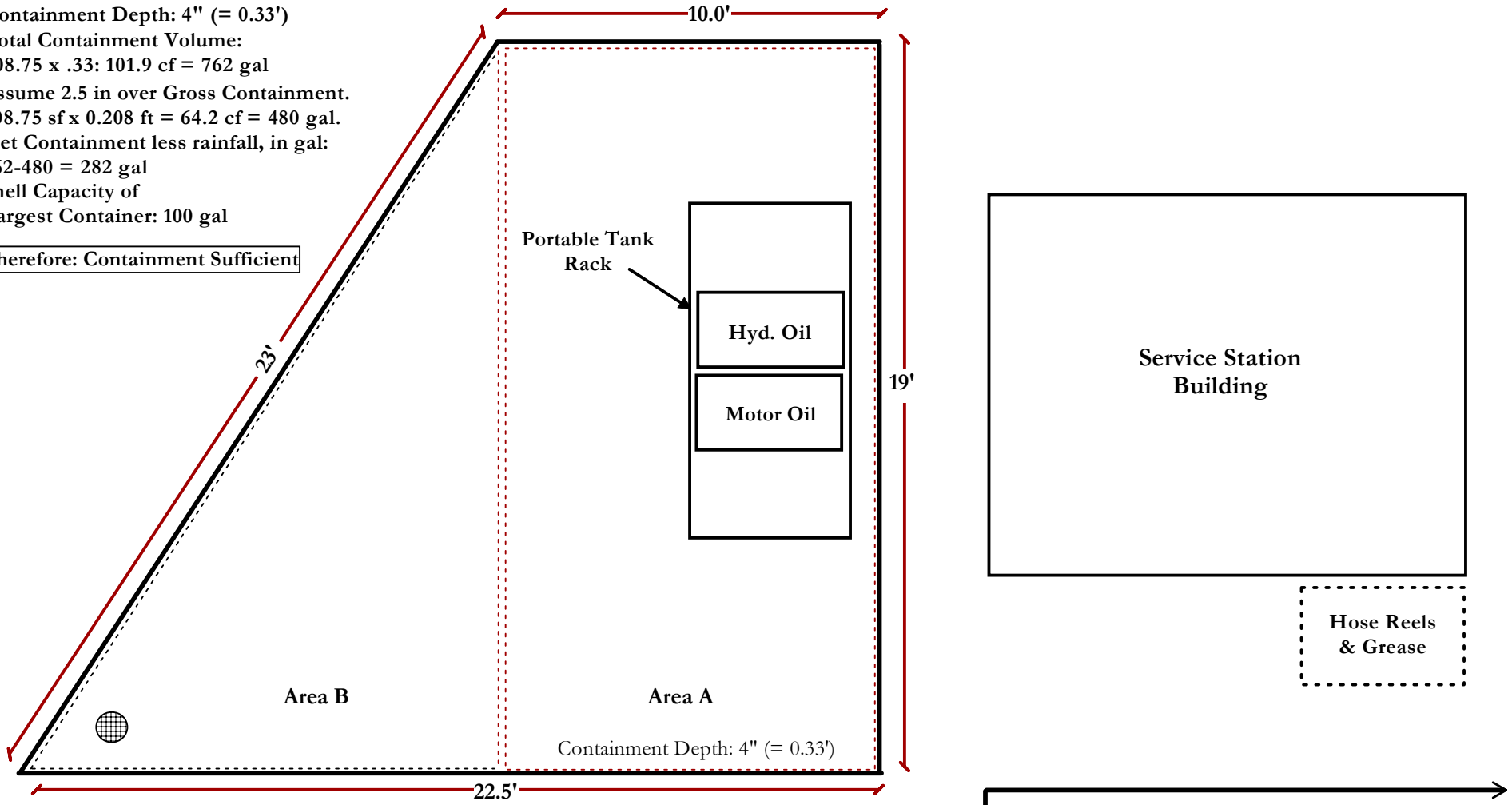
25 year 24-hr Storm: 2.5 inches
Source: Precipitation Frequency Atlas of the Western United States, NOAA, Vol XI 1973

Figure 10 Rectifier
Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377-8795
FLETCHER CONSULTANTS, INC.

Area A: 19' x 10': 190 sf
Area B: 19' x 12.5 x 0.5: 118.75 sf
Total Containment: 308.75 sf

Containment Depth: 4" (= 0.33')
Total Containment Volume:
308.75 x .33: 101.9 cf = 762 gal
Assume 2.5 in over Gross Containment.
308.75 sf x 0.208 ft = 64.2 cf = 480 gal.
Net Containment less rainfall, in gal:
762-480 = 282 gal
Shell Capacity of
Largest Container: 100 gal

Therefore: Containment Sufficient



Approx. Scale
0 (feet) 4
North

Note: All dimensions shown are adjusted to represent berm crown, not external dimension.

25 year 24-hr Storm: 2.5 inches
Source: Precipitation Frequency Atlas of the Western United States, NOAA, Vol XI 1973

Figure 11 Oil Storage Area
Tracy Biomass Plant
14800 W. Schulte Rd.
Tracy, CA 95377-8795
FLETCHER CONSULTANTS, INC.

Appendices

Appendix I: Emergency Response Plan-SMP-2
Appendix II: Substantial Harm Determination
Appendix III: Bulk Storage Container Monthly Facility Inspection Checklist
Appendix IV: Bulk Storage Container Annual Facility Inspection Checklist
Appendix V: Record of Containment Drainage
Appendix VI: Photographs of Equipment
Appendix VII: Spill Equipment Inventory

Appendix I: Emergency Response Plan-SMP-2

NAES	SAFETY MANUAL		
Number: **SMP-2**	Subject: **Emergency Response Plan**		
Approved for use by: *Mitch Reynolds*	Current Issue: **Rev. 5**	Issue Date: **17 Jan 12**	Last Review Date: **16 Jul 12**
Page 1 of 45	**Prepared by NAES Corporation**		

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TABLES

Table 1 Emergency Organizational Telephone Numbers for Threat Control

APPENDICES

Appendix A Facility Evacuation Route Diagram

Appendix B Bomb/Sabotage Investigation Checklist

Appendix C Suspected Bomb/Sabotage Device Safety Precautions

Appendix D Emergency Response Event Log

Appendix E Emergency Response Call Record Form

Appendix F	Emergency Response Contact List
Appendix G	Electric Emergency Incident and Disturbance Report, DOE Form OE-417
Appendix H	Electric Emergency Incident and Disturbance Report, Instructions
Appendix I	Actions for Suspected Sabotage Events
Appendix J	On-Site Hazardous Chemicals

REFERENCES

None

SUB-SECTIONS

None

1. PURPOSE

The purpose of this Safety Manual Procedure is to establish guidelines for responding to plant emergencies. The instructions in this SMP apply to all plant personnel, contractors, and any others who may be on the plant site during a fire, chemical release or spill, medical emergency, severe weather, or bomb threat.

2. RESPONSIBILITIES

A. The Plant Manager has overall responsibility for the development, revision, and implementation of this plan and for assigning the associated responsibilities of Emergency Coordinator and Evacuation Coordinator to selected employees so that emergencies shall be effectively managed at all times of day or week.

B. The Emergency Coordinator is responsible for conducting fire and evacuation drills. The Emergency Coordinator is responsible for ensuring the Fire Department is notified, if necessary, and coordinating a response to the incident as well as directing the evacuation according to this plan. The Emergency Coordinator shall designate an Evacuation Coordinator if the emergency requires personnel to evacuate.

C. The Control Room Operator will act as the Emergency Coordinator until relieved by management and shall account for all personnel on-site.

D. The Evacuation Coordinator shall maintain communication with the Emergency Coordinator and keep a head count of all evacuated personnel in order to report the status to the Emergency Coordinator. The Evacuation Coordinator may be any qualified plant employee.

E. All personnel will be trained on their work areas regarding fire routes, exits, the location and use of emergency equipment, and understanding and following this plan. All personnel who have contractors or visitors at the facility shall ensure that they are familiar with this plan.

3. EMERGENCY RESPONSE OVERVIEW

This procedure provides immediate action steps to be used in a variety of emergencies. It is impossible to provide the exact steps to be followed in all emergencies and emergencies can involve several types of problems at once (a fire with corresponding injuries and a release of hazardous materials for example). Also, the sequence of actions in this procedure may not be the best sequence given the specific situation of an emergency. Steps in this procedure should be performed in an order that fits each situation, relying on sound judgment from plant operators.

A. General Referencing

Use the Emergency Response Call Record Form (Appendix E) to document all notifications made during an emergency, including all instructions given by parties contacted. The Emergency Response Contact List (Appendix F) should be posted in the Control Room. Reporting guidelines for accidents and injuries,

and for "near-miss" safety/environmental accidents, are covered later in this Safety Manual (SMP-14, Accident and Injury Reporting).

4. HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE (HAZWOPER)

A. SPILL RESPONSE PROCEDURE

The following steps will be done immediately upon observation of a hazardous material spill. This procedure is intended to be a concise list of the basic emergency response steps and must be used in conjunction with Hazardous Material Spill Training and Follow-up section below.

1. ENSURE that all personnel are evacuated from the spill area. Attend to any injured personnel.

2. EVACUATE the entire plant if it becomes necessary. Primary evacuation routes are shown on Appendix A. The Plant Manager or his designee may designate different evacuation routes at the time of the accident based on the information known at the time. Personnel may also be directed to go to a particular area of the plant to evacuate the area of the emergency if evacuation of the site is undesirable.

3. Additionally, if the emergency involves a toxic airborne release, the Plant Manager or his designee will EVALUATE the release and wind conditions and DETERMINE whether or not to evacuate plant personnel or "shelter-in-place". The shelter-in-place concept is preferable in the situation where a high concentration cloud of toxic gas passes a building containing people.

   If the gas cloud is moving in the direction of the control room, SHUT DOWN all air conditioning and ventilation systems. All personnel in the building should enter the control room area and all doors leading to this area should be closed.

4. TAKE the necessary steps to mitigate the spill or release (e.g., SHUT OFF pumps, CLOSE valves, DISCONTINUE loading/unloading operations, etc.) if it safe to do so. If at all possible, STOP the spill at its source.

5. Immediately NOTIFY (Control Room Operator) all personnel on-site of the spill/release.

NOTE

The Plant Manager, NAES Headquarters Managers, and the Owner's Representative shall be notified as soon as possible. This requirement should never interfere with proper physical responses to the emergency.

6. The Plant Manager will INSTRUCT plant personnel for further spill response measures. At any time the Plant Manager determines that the

spill or any measure needed to prevent, contain, control, or clean up the spill is beyond the ability or training of the facility manpower and/or equipment, he shall immediately CONTACT outside hazardous materials emergency responders and remediation contractors to help control/clean up the spill.

7. If the spill or release is of a nature that may place the public at risk, INITIATE public warnings through the local emergency agencies listed on the Emergency Response Phone List in Appendix F.

8. The Plant Manager or his designee will MAINTAIN plant security and communications. In no case shall members of the press be admitted without the approval of Owner Representative. The Owner Representative or his designee will handle all public relations, press releases, and outside inquiries.

9. Make every reasonable effort to keep the spill on the plant property. In the event that the material has been released from the containment system, all necessary steps shall be taken to prevent it from entering storm sewers, public waters, or from escaping the facility property as long as it is safe to do so.

10. REFER to MSDS sheets for proper use of personnel protective equipment.

11. BUILD berms, PLACE absorbent materials, PLUG storm drain inlets, culverts, and ditches to stop the flow of the spill. If necessary, PLUG culverts of streams and drainage ditches leaving the plant to stop the flow of the spill.

NOTE

Plant personnel are only qualified to respond to a spill at the First Responder-Operations level. Response to the spill can involve operating equipment remotely or placing absorbents in the flow path, if done without placing employees in an unsafe condition.

12. DOCUMENT all events in detail as soon as possible.

13. FOLLOW UP with all emergency response organizations, NAES headquarters, and the Owner Representative to ensure all reporting requirements have been met. REPORT all injuries in accordance with SMP-14, Accident, and Injury Reporting.

B. HAZARDOUS MATERIAL SPILL TRAINING AND FOLLOW-UP

This section provides details and information to be used in preparation for and response to emergencies involving hazardous materials incidents in compliance with OSHA Hazardous Waste Operations and Emergency Response Standard. This section is also to be used in conjunction with the facility Spill Prevention,

Control, and Countermeasure Plan (SPCC) if the spill involves a fuel oil spill at the plant. The SPCC is required by EPA oil spill regulations 40 CFR 110 (which defines the discharge of oil) and 40 CFR 112.3 (which requires an SPCC). The SPCC is a spill prevention plan (that is, actions to be taken before the spill occurs), while this procedure is a spill response plan (that is, an action to be taken after the spill occurs).

Guidance pertaining to employee safety and training related to major hazardous materials releases and subsequent cleanup operations is contained in 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response, referred to as HAZWOPER.

Overview of Hazardous Materials

The chemicals listed in Appendix J possess characteristics which could, if released in an uncontrolled manner and in sufficient quantity (above a specified threshold quantity) necessitate an emergency response under regulations specified by 29 CFR 1910.120.

Hazardous Materials Release Guidelines

Incidental releases can be controlled, contained, and cleaned up by employees in the immediate area. No outside or special assistance is required. Nuisance spills and minor releases which do not require immediate attention (due to lack of danger to employees) would be considered within the normal activities and training of the employee.

Incidental releases, for the purposes of operator training and response activities pertaining to the unintended release of hazardous materials on-site, may be approached, controlled, stopped, absorbed, neutralized, and cleaned up as long as plant personnel do not endanger themselves, others, or the environment in the process.

Personnel will carry out system operations at a safe distance to minimize the severity of the release. Remote control of valves and pumps will be employed as available to minimize the necessity of approaching the point of origin of an incidental release. Personnel will employ PPE, as needed and for which they are trained, to minimize potential for contact with the released materials. Clean up and hazardous material disposal techniques will be followed to ensure safe and efficient return to normal operations.

Recording and reporting of the release should be made promptly as described in the Notification section below. The Plant Manager, or a designee, shall review the situation and notification requirements to determine what outside organizations are required to be notified. As a minimum, the Owner Representative and NAES Headquarters Managers shall be notified. Refer to the table for Reportable/Threshold Quantities for any Extremely Hazardous Substances that are stored on-site. Proper decontamination of equipment and PPE shall be implemented after the clean up is completed.

A hazardous materials emergency response is any response effort by employees from outside the immediate release area or by other designated responders (i.e., mutual aid groups, local fire departments, etc.) to an occurrence which results, or is likely to result, in an uncontrolled release, which may cause high levels of exposure to toxic substances, or which poses danger to employees requiring immediate attention. No employee shall attempt to perform actions for which they have not been prepared, through training and experience, or for which they are not properly equipped. On-site and off-site training will be conducted both initially and on a continuing basis, as necessary, to ensure that personnel have the knowledge and experience to make a reasonable determination of the dangers when faced with a release situation.

If an uncontrolled release occurs resulting in an emergency, the designated off-site emergency response organizations shall be contacted. Refer to the Emergency Response Contact (Phone) List in Appendix F.

Resource Allocation

The Plant Manager has the authority to commit resources and funds for any spill remediation activity. He may delegate duties to other employees to expedite spill containment, clean-up, and disposal. In the event of a major spill or release, the Plant Manager will be in charge of the handling and cleanup of the toxic material. This resource would either be from the licensed spill cleanup company or a government agency (i.e., Ammonia supplier or other chemical supplier, Fire Department, or commercial response organization). The Plant Manager, or a designee, would remain in charge of the overall plant operation and coordination of spill response activities.

Emergency Response Training

Training shall be based on the duties and functions to be performed by each employee. Documentation of such training, including program agendas (with a copy of any outlines, overheads or handouts) and training rosters shall be maintained.

Facility response personnel are given instruction in emergency procedures related to a release of a hazardous substance or any hazardous chemical. Topics of instruction include emergency equipment (proper use, inspection and maintenance procedures), emergency systems (such as alarms/communications, key cut off systems for automatic feed systems), response procedures for fires, explosions, and spills (including spills to groundwater), and the organizational responsibilities of response personnel under the National Incident Management System.

First Responder Awareness Level

First responders at the awareness level are individuals who are likely to witness or discover a hazardous substance release and who have been trained to initiate an emergency response sequence by notifying the proper authorities of the release. They will take no further action beyond notifying the authorities of the

release. First responders at the awareness level shall have sufficient training or have had sufficient experience to objectively demonstrate competency in the following areas:

1. An understanding of what a hazardous substances are, and the risks associated with them in an incident

2. An understanding of the potential outcomes associated with an emergency created when hazardous substances are present

3. The ability to recognize the presence of hazardous substances in an emergency

4. An understanding of the role of the first responder awareness individual in the employer emergency response plan, including site security and control, and the DOT Emergency Response Guidebook

5. The ability to realize the need for additional resources, and to make the appropriate notifications to the communications center

First Responder Operations Level

First responders at the operations level are individuals who respond to releases or potential releases of hazardous substances as part of the initial response to the site for the purpose of protecting nearby persons, property, or the environment from the effects of the release. They are trained to respond in a defensive fashion without actually trying to stop the release. Their function is to contain the spill from a safe distance, keep it from spreading, and prevent exposures. First responders at the operational level shall have received at least eight hours of training or have had sufficient experience to objectively demonstrate competency in the following areas in addition to those listed for the awareness level:

1. Knowledge of the basic hazard and risk assessment techniques

2. Knowledge of how to select and use proper PPE provided to the first responder operational level

3. An understanding of basic hazardous materials terms

4. Knowledge of how to perform basic control, containment and/or confinement within the capabilities of the resources and PPE available within their unit

5. Knowledge of how to implement basic decontamination procedures

6. An understanding of the relevant standard operating and termination procedures

Spill Response

Upon observation of a release of a hazardous material, chemical, or oil, employees shall immediately notify the Plant Manager with information concerning the spill, such as:

7. Employee name

8. Location of spill

9. Type and quantity of material spilled

10. Actions and result of actions taken to mitigate the spill

11. Circumstances that caused the spill

The Plant Manager, or his designee, will notify the necessary organizations and governmental agencies listed on the Emergency Contact (Phone) List in Appendix F. If necessary, the Plant Manager, or a designee, may contact outside Hazardous Materials Emergency Response organizations, and/or hazardous waste clean-up contractors to assist in the remediation of the spill.

The Plant Manager, or a designee, will also notify NAES management and the Owner Representative of all spills regardless of quantity and type as soon as practical.

The Plant Manager or his designee will provide the following information in the agency notification:

1. The facility name, exact location, and phone number

2. The source and cause of the spill

3. The type (chemical name), volume of material released, and whether the material is classified as extremely hazardous

4. The volume estimated that reached navigable waters

5. The time, date, and duration of the spill

6. The medium of release (air, soil, water) and anticipated release movement

7. The action taken and anticipated

8. State whether evacuation is needed

9. The weather conditions, if applicable

10. Known health risks and required medical attention

11. Names of other parties contacted

12. Names of other parties to be contacted

Keep notifications factual and do not speculate. Keep a record of all notifications made including all instructions given by parties contacted using the Emergency Response Call Record Form shown on Appendix E

All inquiries from the media and the public should be referred to the Plant Manager, or his designee. Under no circumstances shall any plant personnel provide information to media or the general public concerning the spill. The Plant Manager will refer all inquiries to the Owner Representative.

For plants with fuel oil: Per 40 CFR 112.4, in the event that a discharge of 1,000 gallons of oil escapes the containment systems and enters into the navigable waters of the United States in a single spill event or a discharge of harmful quantities in two spill events within any twelve month period occurs, the Plant Manager will submit notification in writing to the EPA Regional Administrator

NOTE

The following information is required in the above notification. An asterisk (*) denotes information included in the SPCC plan.

1. A complete copy of the SPCC plan
2. Name, phone number, and address of the facility (*)
3. Owner and operator name and address (*)
4. Date and year of initial facility operation (*)
5. Maximum storage capacity and average daily use (*)
6. Description of the facility (*)
7. Quantity and type of material spilled
8. Cause(s) of the spill(s)
9. Corrective actions
10. Additional preventative measures
11. Other pertinent information

The plant staff shall investigate each incident that resulted in, or could reasonably have resulted in, a release of hazardous materials. An incident investigation shall be initiated as promptly as possible, but not later than 24 hours following the incident.

Managerial Responsibilities

Managerial responsibilities following a Hazmat release include determining the origin of the incident, investigating the effectiveness of this procedure, and evaluating the potential need for modifications to this procedure and plant personal response. NAES will be responsible for the implementation and communication of any changes to this procedure following an accidental release of aqueous ammonia. A summary shall be prepared at the conclusion of the investigation that includes at a minimum:

1. Date of incident and investigation

2. A description of the incident

3. The factors that contributed to the incident

4. Any recommendations resulting from the investigation

The managers of the facility will promptly address and resolve the investigation findings and recommendations. Resolutions and corrective actions shall be documented. The findings shall be reviewed with all affected personnel whose job tasks are affected by the findings. Investigation summaries shall be retained for five years in the plant environmental files.

Spill Clean-up and Disposal Procedure

Cleanup will be conducted to coordinate collection for isolation and disposal of contaminated products and materials, as appropriate. The categories listed below will be isolated and secured independently. These steps are necessary to reduce costs associated with clean up and disposal of contaminated materials.

1. Recovered pure product for possible refining and reuse

2. Contaminated PPE for separate disposal

3. Oiled debris for separate disposal, i.e., wood products, beauty bark, etc.

4. Contaminated soils for possible incineration or separate disposal

5. Absorbent materials for incineration

All residuals (recovered chemicals, contaminated clean up materials, and contaminated soil) resulting from spill remediation will be placed in containers that have been inspected for use as such.

Disposal of spilled material will meet all Federal and State regulations guiding the disposal of waste. Hazardous waste manifests will accompany containers of spill residues if the residue is determined by definitions of hazardous regulations to be hazardous. All required labeling and recordkeeping requirements will be followed.

Consult the applicable Material Safety Data Sheet for the substance to determine the appropriate cleanup procedures. Ensure all plant and contractor personnel assisting with the clean-up are aware of clean-up instructions and hazards listed on the MSDS.

Refer to the facility Environmental instructions for further guidelines on the disposal of hazardous materials. Additionally, contact NAES headquarters and or the NAES Environmental Support Services (ESS) Division for assistance, if needed.

5. FIRE RESPONSE PROCEDURE

A. In the event of any fire, immediately report the fire to the Control Room Operator (CRO) via plant radio, cell phone, or other means. The report to the CRO shall include the following:

1. Your name
2. Nature of event – “Fire”
3. Location of the fire
4. Severity of the fire
5. Your planned action (e.g., evacuate or use fire extinguisher)

B. Incipient stage fire means a fire which is in the initial or beginning stage and which can be controlled or extinguished by one person with one portable fire extinguisher. If the fire is in the incipient stage and you have been properly trained, respond using the appropriate fire response equipment.

NOTE

If the fire progresses into a life-threatening event, immediately evacuate the area and notify the Control Room.

C. In the event that the fire is beyond the incipient stage and requires outside emergency response the CRO will contact 911 and sound the plant evacuation alarm.

D. The Outside Operator will go to the Pump House and monitor the pumps for proper operation so the local fire department can utilize the plants system.

E. To facilitate a quick response, the plant will designate a liaison to meet the Fire Response Service at the main entrance gate. This will normally be the Fuel Yard Operator.

F. The areas on-site that have been designated as “muster areas” are listed and locations identified in Appendix A

G. Upon hearing the fire evacuation alarm, all personnel shall evacuate to their primary evacuation area.

H. If necessary, a secondary evacuation area will be determined based upon site conditions and wind direction (as determined by the wind sock).

I. The Visitor Log Book from the Administration Building should be utilized to aid in accounting for all personnel.

J. Fire Evacuation Drills shall be conducted annually. At a minimum, the plant evacuation alarm shall be tested monthly. A written record of all drills shall be maintained. Any deficiencies observed shall be corrected.

6. CHEMICAL RELEASE/SPILL PROCEDURE

A. In the event of a chemical spill or release, immediately report it to the CRO via plant radio, cell phone, or other means. The report to the CRO shall include the following:

1. Your name
2. Nature of event – “chemical spill/release”
3. Location of the spill/release
4. Chemical identity and severity of the spill/release (estimate quantity)
5. Your planned action (ex. - evacuate or close remote valve)

B. Depending on the chemical and quantity involved, refer to section 4.B for steps necessary to respond to the spill.

7. MEDICAL EMERGENCIES

A. All injuries must be reported to your supervisor, no matter how small. First Aid/CPR trained personnel will be called to respond to minor first aid injuries.

B. If someone is seriously hurt, notify the CRO of the location of the injured person, nature of the injury, and any other important information related to the incident scene (ex. down power line next to injured person, chemical drum spill, etc.).

C. The CRO will contact 911 to alert emergency crews. An individual will be designated to meet emergency crews at the main entrance gate.

D. The CRO will make an announcement for all available First Aid/CPR trained personnel to report to the incident site. The First Aid/CPR trained personnel will administer first aid and any other measures within their training until the emergency crews arrive at the scene.

E. If the situation warrants the rescue of an unconscious or immobile person from a confined space or an elevated surface, or in a personal fall arrest system the CRO will be instructed to dial 911 and shall explain to emergency personnel the type, location, and hazards of the area.

8. EARTHQUAKES, TORNADOS, AND SEVERE STORM EMERGENCIES

A. EARTHQUAKES

1. TAKE cover under a desk or strong table or in a doorway, or sit or stand against an inside wall.

2. STAY away from windows, glass, bookcases, and outside doors.

3. DO NOT ATTEMPT to leave the building during a severe earthquake because of the hazards of downed power lines, falling debris from the building, etc.

4. MOVE away from buildings and utility wires.

5. WATCH for falling glass, electrical wires, poles or other debris.

6. CHECK for injuries and provide first aid as necessary.

7. CHECK for broken fuel lines and electrical faults. Isolate ruptures and faults as necessary.

8. CHECK for ruptures in systems containing hazardous chemicals. Isolate and contain spills.

9. PLACE the plant in a safe condition by shutting down equipment as necessary.

10. AVOID using the telephone except for emergency notification.

B. TORNADOS AND SEVERE STORMS

In the event of impending severe weather, plant personnel will monitor the local emergency weather broadcast. The Plant Manager shall be notified and will try to be on-site to determine appropriate action. If the Plant Manager cannot be contacted, the CRO shall determine the appropriate action.

During severe thunderstorms, caution should be used during outside activities. If thunderstorms are in the immediate area of the plant, outside activities should be curtailed. The safety of plant personnel shall be the prime concern and reasonable judgment shall be used.

The best protection in a tornado is usually an underground area. The best above ground areas in a building are:

1. Small interior rooms on the lowest floor without windows

2. Hallways on lowest floor away from outside doors and windows

3. Rooms constructed of reinforced concrete, brick or block with no windows and a heavy concrete floor or roof system.

4. Employees should be instructed to seek shelter areas as near as possible to inside walls, away from window areas. The CRO will make an announcement, and ensure that all personnel have been warned of the outside conditions and to seek shelter inside in a safe location.

5. Get as close to the floor as possible and against sturdy machinery that will prevent portions of the roof, etc. from striking directly should they fall.

6. Do not evacuate the building until dangerous wind levels have subsided. An automobile is not a safe place to be in these circumstances.

7. If outside, seek safety in a low-lying depression such as a ditch or ravine.

8. An announcement shall be made indicating when the tornado or severe storm has passed.

9. An investigative team shall be designated to inspect all outside plant areas looking for damages, down power lines, and other potentially dangerous conditions.

9. BOMB THREATS AND ACTS OF SABOTAGE

The events of September 11, 2001, coupled with the northeast power outage of August 14, 2003 and similar electrical disturbances have heightened the awareness of people worldwide to the threat of Sabotage to critical facilities in general and to the electrical infrastructure in particular. To protect the North American electrical infrastructure, NAES requires that all its power plant managers and operators shall understand and comply with the following NERC requirements.

Recognition (NERC Standard CIP-001 R1)

Each NAES-managed power generating facility shall have procedures for the recognition of and for making their operating personnel aware of Sabotage events on its facilities and multi-site Sabotage affecting larger portions of the Interconnection.

Response (NERC Standard CIP-001 R3)

Each NAES-managed power generating facility shall provide its operating personnel with Sabotage response guidelines, including personnel to contact for reporting disturbances due to Sabotage events.

Communication (NERC Standard CIP-001 R2)

Each NAES-managed power generating facility shall have procedures for the communication of information concerning Sabotage events to appropriate parties in the Interconnection.

Reporting (NERC Standard CIP-001 R4)

Each NAES-managed power generating facility shall establish communications contacts, as applicable, with local Federal Bureau of Investigation (FBI) or Royal Canadian Mounted Police (RCMP) officials and develop reporting procedures as appropriate to their circumstances.

A. Recognition

Understanding when an act of Sabotage is taking place or is about to take place is the first step towards preventing the subsequent injury and damage that the event can ultimately result in. A variety of tools are available to each NAES-managed facility meant to be used in conjunction with the Emergency Response Plan for any actual or potential Acts of Sabotage. These tools are available as Appendices to this procedure and are described below:

2. Appendix B – Bomb Threat Checklist contains a checklist to be used when a bomb threat is received over the phone. This will help the receiver of the call obtain as much information as possible to help find the source.

3. Appendix C – Suspected Bomb/Sabotage Device Safety Precautions contains a list of precautions to be taken around unidentified packages, bombs, and suspected Sabotage devices.

4. Appendix G – Electric Emergency Incident and Disturbance Report contains a copy of DOE Form OE-417, Electrical Emergency Incident and Disturbance Report.

5. Appendix H - Electric Emergency Incident and Disturbance Report Instructions contains the DOE Instructions on how to fill in and submit DOE Form OE-417.

6. Appendix I - Actions for Suspected Sabotage Events contains a list and description of potential Sabotage events as well as immediate actions to be taken in case of those types of events.

The Plant Manager and all plant personnel and visitors shall maintain and enforce a strict site security policy to try and avoid any potential Sabotage events.

B. RESPONSE

Although many threats turn out to be hoaxes, it is very important to not dismiss the possibility of injury and damage and treat every situation seriously. When a bomb threat or discovery of a suspected Sabotage event is discovered, remember to not panic, remain calm, and follow the steps below:

1. For any abnormal events that could potentially be acts of Sabotage, refer to Appendix I – Actions for Suspected Sabotage Events.

2. When a call is received regarding a bomb threat or other act of Sabotage, refer to Appendix B – Bomb Threat Checklist while keeping the following items in mind:

   a. Engage the caller in as much conversation as possible and complete the checklist as the call progresses. If you are at a phone with caller ID, note the phone number of the caller.

   b. Keep the caller on the line as long as possible. Ask the caller to repeat the message even if you fully understood the message the first time. This will stall or cause a delay and allow the operator more time to react properly and involve the necessary personnel.

   c. If the caller does not give a location of the device, Sabotage method, or a time for the event, attempt to attain this information.

   d. Inform the caller that the building is occupied and that such an event (explosion or equipment destruction) would result in serious injury or death to innocent people.

   e. Be aware of the caller's voice and any background noises that may assist in identifying the location of the call. Record your findings on the checklist.

   f. Attempt to have the caller speak to a designated member of management.

   g. Do not hang up until the conversation ends and the caller hangs up.

3. Maintain security and communications. The Plant Manager (or designee) shall maintain plant security by restricting access so that only essential plant personnel and emergency personnel are admitted. The telephones should be manned if there are enough people on-site. Two-way radio communication should be kept free to be used as needed. In no case shall members of the press be admitted without the approval of the Owner Representative. The Owner Representative or his designee will handle all public relations, press releases, and outside inquiries.

4. Quickly search the plant area for suspicious, unusual, or foreign items (suspected bombs/Sabotage devices), and report any findings, but do not touch, move, jar, disturb, or cover any suspicious items found. Observe the precautions listed in Appendix C. When police arrive, assist as necessary with a more detailed search of the plant.

5. If a suspicious item or bomb is located during the search, do the following:

   a. Isolate and DO NOT TOUCH OR DISTURB the item.

   b. Make notes of the location, appearance, colors, wires, etc.

   c. Contact the civil authorities and management in person.

   d. Do not use two-way radios or intercoms.

NOTE

At any time during these actions, the Plant Manager or on shift CRO can order the shutdown of equipment and evacuation if, in his judgment, there are strong indications of an immediate serious threat to the plant and/or its personnel.

6. If the plant is evacuated at any point, do not return until after the police have declared the site safe.

7. Upon completion of the threat, the management team shall assemble to critique the handling of the situation. Any recommendations for improvement must be incorporated into the policy and re-training conducted with the necessary personnel.

C. COMMUNICATION

1. Report the call to the police as soon as possible. Provide the police with the following information:

   a. Your name

   b. Your location and phone number

   c. A detailed account of the event

   d. If the event is a threat received (via phone or other method), report the following:

      (1) Name of the initial recipient

      (2) Name of any employee threatened by the caller

(3) Normal work location of any threatened employee

(4) Time the bomb is supposed to explode/Sabotage event is to occur

(5) Exact location of the bomb or Sabotage device

(6) Outside appearance or description of the bomb or device

2. Report information related to the suspected Sabotage event to your Transmission Operator, Balancing Authority, and any other entities involved with your interconnection to the Bulk Electric System. Contact information can be found in Appendix F – Emergency Response Contact List.

3. Ensure that plant operating personnel are aware of the sabotage event.

4. When the police arrive at the site, the Plant Manager (or designee) shall brief the police as to:

   a. Location of any emergency control valves or switches,

   b. Plant overall security status, and

   C. Any other information regarding the nature of the threat or event.

NOTE

Have all written records or notes of the threat available.

5. Appropriate assistance should be requested from the police including site protection and personnel protection during an evacuation.

6. As soon as the threat has been at least tentatively identified and controlled, notify the Plant Manager, the Owners Representative, and the NAES Headquarters Project Manager. Applicable telephone numbers are listed below for quick access. Additional contact information is provided in Appendix F and should be utilized as necessary based on the circumstances of the event.

TABLE 1. Emergency Organizational Telephone Numbers for Threat Control

Name	Title	Home Telephone Number	Fax Number
Mitch Reynolds	Plant Manager	914-9220	
John Puskas	O&M Manager	475-8486/834-4908	
Henry Scheck	NAES Project Manager	(484) 354-2604	
Joel Lepoutre	Owners Representative	(714) 746-5960	

NOTE

At any time during these actions, the Plant Manager or on shift CRO can order the shutdown of equipment and evacuation if, in his judgment, there are strong indications of an immediate serious threat to the plant and/or its personnel.

D. REPORTING

It is essential that all participants in the national electrical power infrastructure be quickly informed of any incident involving either a real or a suspected threat of sabotage.

Distribution of this information should be initiated by the immediate submission of an Electrical Emergency Incident and Disturbance Report (Form OE-417 Appendix G) to the US Department of Energy according to the instructions given in Appendix H. The Form OE-417 consists of an Alert Notice (Schedule 1) and a Narrative Description (Schedule 2) which must be submitted within the time frames described below (as specified in the top portion of the Alert Notice).

The Plant Personnel shall also establish communications, as applicable, with contacts of local Federal Bureau of Investigation (FBI) or Royal Canadian Mounted Police (RCMP) officials and inform them that you are submitting a DOE Form OE-417 as described above, including the contents of the submitted Report. The local contact for communication with FBI officials is listed below.

Name: Stockton 24 hr FBI **Phone: (916) 481-9110**

WITHIN ONE HOUR - If an Incident is demonstrated to have met or is suspected of meeting any one or more of the eight descriptions below, the Alert Notice must be submitted within ONE HOUR after the incident is recognized.

1. Actual physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations

2. Actual cyber or communications attack that causes major interruptions of electrical system operations

3. Complete operational failure or shut-down of the transmission and/or distribution electrical system

4. Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system

5. Uncontrolled loss of 300 Megawatts or more of firm system loads for more than 15 minutes from a single incident

6. Load shedding of 100 Megawatts or more implemented under emergency operational policy

7. System-wide voltage reductions of 3 percent or more

8. Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the electric power system

Note: If the incident or disturbance is having a critical impact on operational events, respondents must balance their operational requirements with this mandatory reporting requirement. In such instances, telephone notification to the DOE Emergency Operations Center (202-586-8100) is acceptable, pending a written submission of the completed form.

WITHIN SIX HOURS OF INCIDENT: Schedule 1 and lines 13-17 of Schedule 2 must be filed if one or more of the following criteria are met and none of the eight criteria above apply

9. Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems

10. Cyber event that could potentially impact electric power system adequacy or reliability

11. Loss of electric service to more than 50,000 customers for 1 hour or more

12. Fuel supply emergencies that could impact electric power system adequacy or reliability

Update Report – Schedule 1 and lines 13-17 in Schedule 2 should be re-submitted if significant information (or changes) regarding a reported incident or disturbance becomes available after the initial Emergency Alert or Normal Alert Report was submitted. Add the new information and/or changes to the original submission and resubmit the form, checking Update as the Alert Status on line 1 of the form.

WITHIN 72 HOURS OF INCIDENT A ***FINAL REPORT*** must be filed. An updated Form OE-417 Schedule 1 and all of Schedule 2 are both due within 72 hours of the incident to provide complete disruption information.

Complete and revise Schedule 1 as necessary and check “Final” as Alert Status on line 1.

On Schedule 2 provide a narrative description of the event and actions taken to resolve the incident. There are several specific subject blocks of space shown on the Schedule that are provided to gather the specific information. Include, as

appropriate, the cause of the incident or disturbance, change in frequency, the equipment damaged, critical infrastructures interrupted, and affect on other electrical systems. Equivalent documents containing this information can be supplied to meet this requirement; this includes the North American Electric Reliability Corporation EOP-004 Disturbance Report.

10. TRAINING

A. All plant employees shall receive training on emergency response procedures on an annual basis.

B. All newly hired employees shall receive this training during orientation.

C. Contract employees must receive this training as integrated into the contractor orientation and training.

> **NOTE**
>
> In addition to the training, the appropriate number of radios shall be determined and issued to the Contractor Supervisor/Foreman.

D. All plant employees training must include at a minimum the following:

1. Familiarization with this plan
2. Any Hazmat Training that may be applicable
3. The use of any firefighting equipment available
4. Any special items or needs that may rise

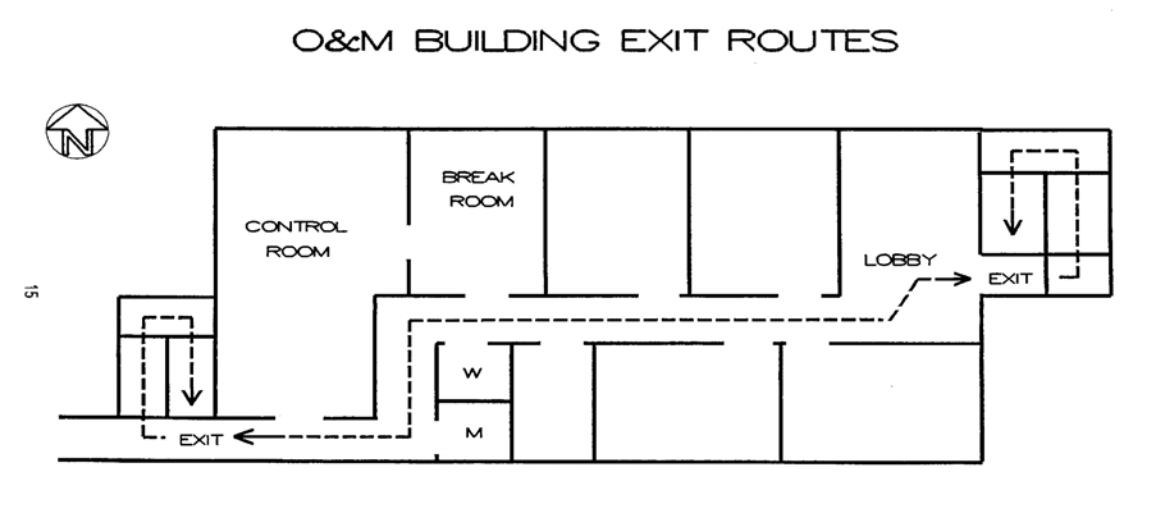
E. All contract employees training must include the following:

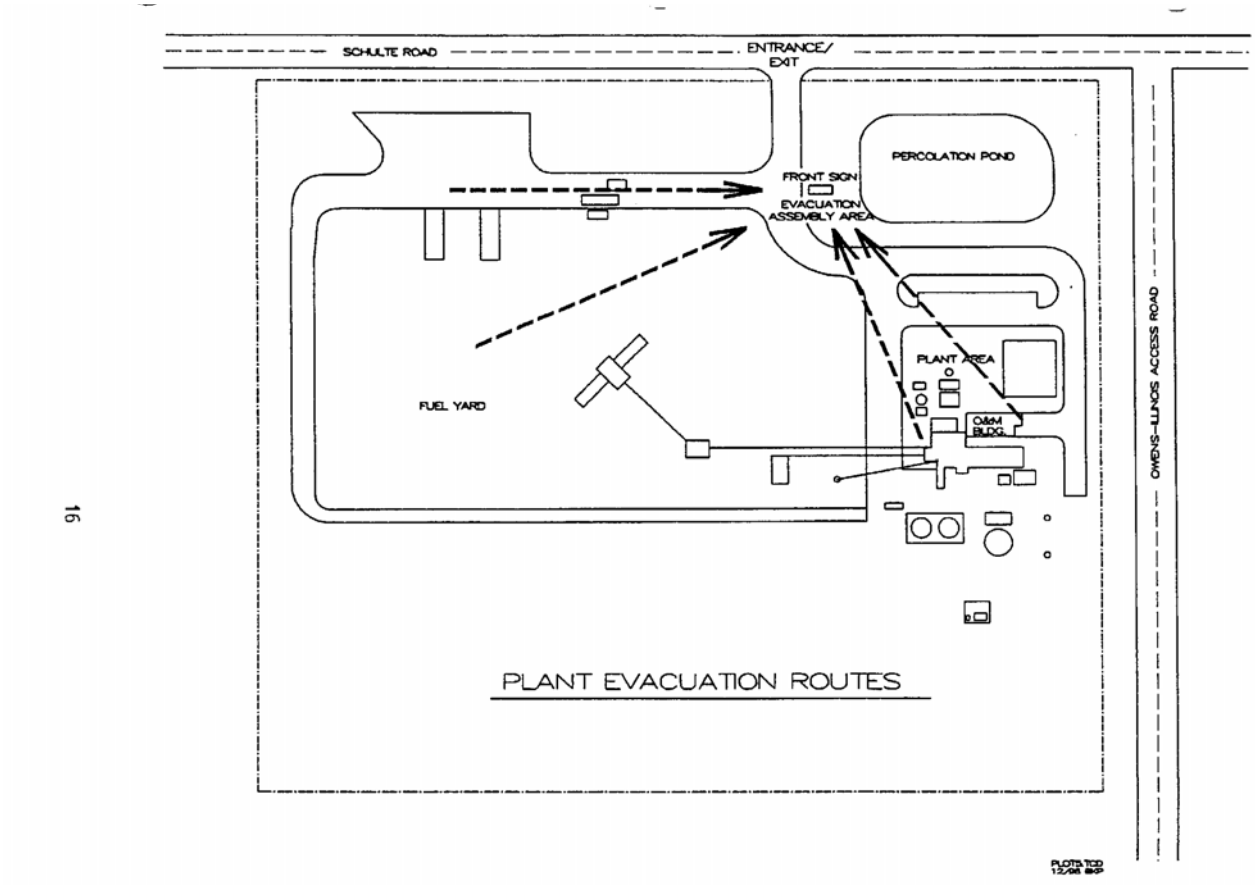
1. A general overview of this plan
2. Any special items or needs that may arise during the course of their stay on-site

F. A written record must be maintained of all plant employees and contract employees who have received the training.

APPENDIX A

Facility Evacuation Route Diagram





APPENDIX B

BOMB THREAT CHECKLIST

Instructions: Have someone else call police (911) and keep caller on the line. Listen; do not interrupt the caller except to ask:

2. When will it go off?_____
3. Where is it planted?_____
4. What floor is it on?_____
5. What kind of bomb is it?_____
6. What does it look like?_____
7. Why are you doing this?_____
8. Who are you?_____
9. Where are you?_____

Call received by:_____ Time of Call_____

Date_____ Time of Hang-up_____

Description of Caller: ☐ Male ☐ Female ☐ Adult ☐ Juvenile _____ App. Age

Voice Characteristics		Speech		Language	
☐ Loud	☐ Soft	☐ Fast	☐ Slow	☐ Excellent	☐ Good
☐ High Pitch	☐ Deep	☐ Distinct	☐ Distorted	☐ Fair	☐ Poor
☐ Pleasant	☐ Raspy	☐ Stutter	☐ Nasal	☐ Four	☐ Other
☐ Intoxicated		☐ Slurred	☐ Precise	Use of Certain Words or Phases:	
☐ Other		☐ Other			

Accent		Manner		Background Noises	
☐ Local	☐ Not Local	☐ Calm	☐ Angry	☐ Office	☐ Street
☐ Foreign	☐ Regional	☐ Rational	☐ Irrational	☐ Machines	☐ Traffic
☐ Race	☐ Other	☐ Coherent	☐ Incoherent	☐ Factory	☐ Airplanes
		☐ Deliberate	☐ Emotional	☐ Machines	☐ Trains
Explain:		☐ Righteous	☐ Laughing	☐ Bedlam	☐ Voices
				☐ Animals	☐ Music
		Is voice familiar? Sounds like _____		☐ Quiet	☐ Party
				☐ Mixed	☐ Atmosphere

Action to take immediately after call:

1. Notify plant management.
2. Notify Owner's Representative.
3. Notify NAES Headquarters' Management.
4. Forward a copy of this to parties above ASAP.
5. Write exact statement or caller below:

_____

_____

APPENDIX C

Suspected Bomb/Sabotage Device Safety Precautions

The safety precautions below are designed to acquaint you with dangers inherent in the search, discovery, and handling of "suspected bombs" or "Suspected Sabotage Devices".

While some of the following safety precautions may seem elementary, do not dismiss them as unimportant nor take them for granted, because adequate knowledge of these precautionary provisions may save your life or the lives of other plant operators and visitors.

1. Do not touch a suspected object.
2. Do not shake, shock, or jar a suspected Bomb/Device.

WARNING

The presence of nearby equipment/storage tanks that could present secondary hazards in the event of explosion or other sabotage event.

3. Do not use radio equipment near the Bomb/Device to transmit messages.
4. Do not move light switches.
5. Do not smoke.
6. Do not accept the contents of any container as bona fide, simply because it was delivered by routine means.
7. Do not accept container markings and/or appearance as sole evidence of their contents' identification and legitimacy.
8. Do not cover a suspected bomb/device.
9. Do not carry a suspected bomb/device.
10. Do not assume that a suspected bomb/device is of a specific (high explosive or incendiary) type.
11. Do not open any suspicious container or object.
12. Do not cut a string, cord, or wire on a suspicious container or object.
13. Do not cut or remove the wrapper on a suspicious object or container.
14. Do not unscrew the cover, move the latch or hook on the cover, or raise or remove the cover of a suspicious container.
15. Do not change the position of a suspicious container or object.
16. Do not place a suspicious container or object into water.

APPENDIX D

Emergency Response Event Log

Emergency Description:_____

_____

_____

Date and Time of Emergency:_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Note: Log all events associated with the emergency chronologically. Keep logs factual and concise.

APPENDIX E

Emergency Response Call Record Form

Emergency Description:_____

_____

Date and Time of Emergency:_____

Time	Company/Agency Notified	Company/Agency Contact	NAES HQ Contact

Description of Correspondence:

_____

_____

_____

_____

_____

Time	Company/Agency Notified	Company/Agency Contact	NAES HQ Contact

Description of Correspondence:

_____

_____

_____

Time	Company/Agency Notified	Company/Agency Contact	NAES HQ Contact

Description of Correspondence:

_____

_____

_____

_____

_____

APPENDIX F

Emergency Response Contact List

Contacts should be made in the following order whenever possible. However, if contact cannot be made after two attempts, move on to the next level.

Event	Contact Title	Phone 1	Phone 2	Comment
Sabotage/Bomb Threat/Event	Local Emergency Services	911		Fire, Police, Medical
All	Plant Manager	209-914-9220		Mitch Reynolds
Power Outage	Tesla - Transmission Dispatcher PG&E	707-449-6715		Tesla – PG&E (TOP) calls WECC CAL ISO (BA)
Forced Outage	Real Time Desk – Transmission Dispatcher PG&E	415-973-4500		Real Time Desk – PG&E (TOP) calls WECC CAL ISO (BA)
Sabotage/Bomb Threat/Event	FBI Sacramento	(916) 481-9110		4500 Orange Grove Avenue Sacramento, California 95841-4205 sacramento.fbi.gov
Chemical or Oil Spill	National Response Center	1-800-424-8802		
Poison	Poison Control	1-800-222-1222		
Severe Weather	National Weather Service	916-979-3051		

Fill in or add any other information considered appropriate for your local situation.

APPENDIX G

DOE Form OE-417

ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT

(Instructions are provided in Appendix H.)

U.S. Department of Energy **Electricity Delivery and Energy Reliability** **Form OE-417**	***ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT***	**Form Approved** **OMB No. 1901-0288** **Approval Expires 01/31/15** **Burden Per Response: 2.03 hours**

NOTICE: This report is **mandatory** under Public Law 93-275. Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For the sanctions and the provisions concerning the confidentiality of information submitted on this form, see General Information portion of the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction**.

RESPONSE DUE: Within 1 hour of the incident, submit Schedule 1 and lines 13-17 in Schedule 2 as an Emergency Alert report if criteria 1-8 are met. Within 6 hours of the incident, submit Schedule 1 and lines 13-17 in Schedule 2 as a Normal Report if only criteria 9-12 are met. Submit updates as needed and a final report (all of Schedules 1 and 2) within 72 hours of the incident.

METHODS OF FILING RESPONSE
(Retain a completed copy of this form for your files.)

Online: Submit your form via online submission using the link at http://www.oe.netl.doe.gov/oe417.aspx.
E-mail: Submit your form via e-mail as an attachment to doehqeoc@hq.doe.gov.
FAX: FAX your Form OE-417 to the following facsimile number: (202) 586-8485. (Use if e-mail is not available.)
Telephone: **If you are unable to e-mail or fax the form, please c**all and report the information to the following telephone number: (202) 586-8100.

SCHEDULE 1 -- ALERT NOTICE (page 1 of 3)

Criteria for Filing (Check all that apply)

See Instructions For More Information

If any box 1-8 on the right is checked, this form must be filed within 1 hour of the incident; check Emergency Alert (for the Alert Status) on **Line 1** below.	1. [ ] Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations 2. [ ] Cyber event that causes interruptions of electrical system operations 3. [ ] Complete operational failure or shut-down of the transmission and/or distribution electrical system 4. [ ] Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system 1) 2) 5. [ ] Uncontrolled loss of 300 Megawatts or more of firm system loads for more than 15 minutes from a single incident 3) 4) 6. [ ] Load shedding of 100 Megawatts or more implemented under emergency operational policy 5) 6) 7. [ ] System-wide voltage reductions of 3 percent or more 7) 8) 8. [ ] Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the electric power system
If any box 9-12 on the right is checked AND none of the boxes 1-8 are checked, this form must be filed within 6 hours of the incident; check Normal Alert (for the Alert Status) on **Line 1** below.	9) 9. [ ] Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems 10) 11) 10. [ ] Cyber event that could potentially impact electric power system adequacy or reliability 12) 13) 11. [ ] Loss of electric service to more than 50,000 customers for 1 hour or more 14) 15) 12. [ ] Fuel supply emergencies that could impact electric power system adequacy or reliability

If significant changes have occurred after filing the initial report, re-file the form with the changes and check Update (for the Alert Status) on **Line 1** below.

16) The form must be re-filed within 72 hours of the incident with the latest information and with Final (for the Alert Status) checked on **Line 1** below

LINE NO.	**ORGANIZATION FILING**				
1.	Alert Status (check one)	Emergency Alert [ ] 1 Hour	Normal Alert [ ] 6 Hours	Update [ ] As required	Final [ ] 72 Hours
2.	Organization Name				
3.	Address of Principal Business Office				

U.S. Department of Energy **Electricity Delivery and Energy Reliability** **Form OE-417**	***ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT***	**Form Approved** **OMB No. 1901-0288** **Approval Expires 01/31/15** **Burden Per Response: 2.03 hours**

SCHEDULE 1 -- ALERT NOTICE (page 2 of 3)

INCIDENT AND DISTURBANCE DATA				
4.	Geographic Area(s) Affected			11. Unknown [ ]
5.	Date/Time Incident Began (mm-dd-yy/hh:mm) using 24-hour clock	_____ - _____ - _____ / _____: _____ mo dd yy hh mm	[ ]Eastern [ ] Central [ ]Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
6.	Date/Time Incident Ended (mm-dd-yy/ hh:mm) using 24-hour clock	_____ - _____ - _____ / _____: _____ mo dd yy hh mm	[ ]Eastern [ ] Central [ ]Mountain [ ] Pacific [ ] Alaska [ ] Hawaii	
7.	Did the incident/disturbance originate in your system/area? (check one)	Yes [ ]	No [ ]	Unknown [ ]
8.	Estimate of Amount of Demand Involved (Peak Megawatts)			Unknown [ ]
9.	Estimate of Number of Customers Affected			Unknown [ ]

10. Type of Emergency **Check all that apply**	**11. Cause of Incident** **Check if known or suspected**	**12. Actions Taken** **Check all that apply**
Physical Attack [ ]	Complete Electrical System Failure [ ]	Shed Firm Load [ ]
Cyber Event [ ]	Electrical System Separation – Islanding [ ]	Reduced Voltage [ ]
Major Transmission System Interruption [ ]	Inadequate Electric Resources to Serve Load [ ]	Made Public Appeals [ ]
Major Generation Inadequacy [ ]	Actual or Potential Attack/Event Physical Attack [ ] Cyber Event [ ] Vandalism [ ]	Implemented a Warning, Alert, or Contingency Plan [ ]
Major Distribution System Interruption [ ]	Transmission Equipment [ ]	Shed Interruptible Load [ ]
Other [ ]	Loss of Part or All of a High Voltage Substation or Switchyard (230 kV + for AC, 200 kV+ for DC). [ ]	Repaired/Restored [ ]
Additional Information/Comments:	Weather or Natural Disaster [ ]	Mitigation(s) Implemented [ ]
	Operator Action(s) [ ]	• Other [ ]
	Fuel Supply Deficiency (e.g., gas, oil, water) [ ]	•
	Unknown Cause [ ]	Additional Information/Comments:
	Other [ ]	
	Additional Information/Comments:	

U.S. Department of Energy Electricity Delivery and Energy Reliability Form OE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	Form Approved OMB No. 1901-0288 Approval Expires 01/31/15 Burden Per Response: 2.03 hours

12. SCHEDULE 2 -- NARRATIVE DESCRIPTION (page 3 of 3)

THIS INFORMATION IS CONSIDERED PROTECTED

NAME OF OFFICIAL THAT NEEDS TO BE CONTACTED FOR FOLLOW-UP AND ANY ADDITIONAL INFORMATION		
13.	Name	
14.	Title	
15.	Telephone Number	( )-( )-( )
16.	FAX Number	( )-( )-( )
17.	E-mail Address	

Provide a description of the incident and actions taken to resolve it. Include as appropriate, the cause of the incident/disturbance, change in frequency, mitigation actions taken, equipment damaged, critical infrastructures interrupted, effects on other systems, and preliminary results from any investigations. Be sure to identify: the estimate restoration date, the name of any lost high voltage substations or switchyards, whether there was any electrical system separation (and if there were, what the islanding boundaries were), and the name of the generators and voltage lines that were lost (shown by capacity type and voltage size grouping). If necessary, copy and attach additional sheets. Equivalent documents, containing this information can be supplied to meet the requirement; this includes the NERC EOP-004 Disturbance Report. **Along with the filing of Schedule 2, a final (updated) Schedule 1 needs to be filed. Check the Final box on line 1 for Alert Status on Schedule 1 and submit this and the completed Schedule 2 no later than 72 hours after detection that a criterion was met.**

18. Narrative:

19. Estimated Restoration Date for all Affected Customers Who Can Receive Power	____ - ____ - ____ mo dd yy
20. Name of Generator(s) and Voltage Line(s) system reference (terminal points) **(For these losses, please group by generator type and voltage size)**	
21. Identify Name of Lost High Voltage Substation(s) and/or Switchyards **(230 kV + for AC -- 200 kV+ for DC)**	
22. Identify Electrical System Separation: Islanding Boundaries **(DOE needs a basic description/understanding of the linked generating resources to load pockets**	

APPENDIX H

DOE Form OE-417 Instructions

ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT, INSTRUCTIONS FOR

DOE Form OE-417

(Blank Form is provided in Appendix G)

OE-417
ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT

QUESTIONS

If you have any questions about Form OE-417 after reading the instructions, please contact Brian Copeland at (202) 586-1178, FAX Number (202) 586-2623 or E-mail: brian.copeland@hq.doe.gov.

For additional information write to the following address: Assistant Secretary, Office of Electricity Delivery and Energy Reliability (OE-1)1000 Independence Ave, SW Washington, DC 20585

Emergency Contact: DOE Operations Center Telephone Number: (202) 586-8100 FAX Number: (202) 586-8485 E-mail: doehqeoc@hq.doe.gov.

PURPOSE

The Department of Energy (DOE), under its relevant authorities, has established mandatory reporting requirements for electric emergency incidents and disturbances in the United States. DOE collects this information from the electric power industry on Form OE-417 to meet its overall national security and Department of Homeland Security's National Response Framework responsibilities. DOE will use the data from this form to obtain current information regarding emergency situations on U.S. electric energy supply systems. DOE's Energy Information Administration (EIA) will use the data for reporting on electric power emergency incidents and disturbances in monthly EIA reports. The data also may be used to develop legislative recommendations, reports to the Congress and as a basis for DOE investigations following severe, prolonged, or repeated electric power reliability problems.

HOW TO SUBMIT

Online: An online form is now available at http://www.oe.netl.doe.gov/oe417.aspx. The online form is now the preferred delivery method.

Instructions on how to report via e-mail, facsimile, or telephone are printed on Schedule 1 of Form OE-417.

E-mail: If you experience problems using the online form, you may submit your form via e-mail as an attachment to doehqeoc@hq.doe.gov.

Fax: If you experience problems submitting via the online submission form or email, you may fax the form to the following facsimile number. (202)586-8485.

Telephone: If you experience problems submitting via online, email, or fax, please call and report the information to the following telephone number: (202) 586-8100. This telephone number is staffed 24/7.

COPIES OF SURVEY FORMS AND INSTRUCTIONS

Copies in portable document format (PDF) and word format (DOC) are available on OE's website. You may access the materials by following the steps:

- Go to OE's *Electric Emergency Incident And Disturbance Report* website at http://www.oe.netl.doe.gov/oe417.aspx.
- Click on the hypertext link for the Form or for the Instructions.

GENERAL INSTRUCTIONS

Form OE-417 is mandatory pursuant to Section 13(b) of the Federal Energy Administration Act of 1974 (Public Law 93-275). The form is considered an emergency form filed only when at least one of the criteria for filing the form, on page one of the form, is met.

The Form OE-417 alerts the Department of Energy to electrical emergency incidents and disruptions. The ability of DOE to quickly respond to energy emergencies that may impact the Nation's infrastructure and to help alleviate or prevent further disruptions depends on industry's prompt response. As such, the initial timely filing of this form is of paramount importance. Many electric utilities have received approval to operate the Balancing Authority and/or Reliability Coordinator functions from the North American Electric Reliability Corporation (NERC). In addition, electric utilities also have computer centers and physical security departments. (Regional Transmission Organizations (RTOs) and Independent System Operators (ISOs) are established by the Federal Energy Regulatory Commission and are considered electric utilities.)

WHO MUST SUBMIT

1. **Balancing Authorities (BA), Reliability Coordinators (RC), some Generating Entities, and Electric Utilities**, including those located Puerto Rico, the Virgin Islands, Guam or other U.S. possessions are responsible for completing all relevant portions of the form when any of the criteria are met requiring the filing of Form OE-417.

   a. All electric utilities must provide information to a BA when necessary for their reporting obligations and file Form OE-417 in cases where a BA will not be involved.

      Note: this includes U.S. based utilities for whom balancing authority oversight responsibilities are handled by electrical systems located across an international border.

   b. Foreign utilities, handling U.S. balancing authority responsibilities, may wish to file this information voluntarily to the DOE. Any U.S.-based utility in this international situation must inform DOE that

these filings will come from a foreign-based electric system.

2. **Computer centers and physical security departments** of electric utilities may file directly with OE on the selected areas identified in the Form OE-417instructions.

   Note: This information does not have to flow directly into the officials running the BA and RC and then be forwarded to DOE.

3. **Joint filing**: BAs' and RCs' can file notifications for joint filings. BAs can also file a combined report with electric utilities under their electrical oversight or all information is passed to the BA who then files a single report.

   Note: OE requests that it be notified of those entities that plan to file jointly and of those electric utilities that want to file separately. (Notification can be done at the time of the filing.)

FUNCTIONAL RESPONSIBLITY OF FILING ENTITIES

All entities must file on all line items except for the following exclusions:

- **ELECTRIC UTILITIES** - There are no exclusions allowed, all items need to be addressed.
- **BALANCING AUTHORITY (BA)** - Reporting on the count of customers (and the amount of load, if the BA is based at a regional transmission organization or independent system operator) is required only for the final report. A BA located in vertically integrated utilities, a municipality, federal utility, state-owned or cooperative will report the amount of load and counts of customers.
- **RELIABILITY COORDINATORS (RC)** - Reporting on the count of customers is excluded. If the RC has an agreement with the regional transmission organization to supply the customer counts, the RC can supply this information.
- **GENERATING ENTITIES** - Entities who have 300 MW or more of generation dedicated to one or more end-use customers (e.g. retail or industrial customers) are required to file the form under criterion number 5.
- **LOCAL UTILITIES** In Alaska, Hawaii, Puerto Rico, the U.S. Virgin Islands, and the U.S. Territories - If the local electrical system is less than 300 MW, then only file if criteria 1, 2, 3 or 4 are met.
- **COMPUTER, TELECOMMUNICATION, AND PHYSICAL SECURITY OFFICES** That support the BA, RC, and electric utility or are located within the entity - these support centers or offices can file information, in lieu of the emergency offices, on criteria 1, 2, 9 or 10 in direct submissions to DOE. These support centers or offices will address no other incident types.

WHEN TO SUBMIT

Form OE-417 is considered an emergency form. Schedule 1 and lines 13-17 in Schedule 2 of the form must be submitted to the DOE only when at least one of the twelve criteria on page one of the form is met. Depending on the nature of the situation, the Form OE-417 must be filed either within one hour or six hours of the incident.

Criteria for Filing:

Within One Hour of Incident: Schedule 1 and lines 13-17 of Schedule 2 must be filed if one or more of the following criteria are met

1. Physical attack that causes major interruptions or impacts to critical infrastructure facilities or to operations
2. Cyber event that causes interruptions of electrical system operations
3. Complete operational failure or shut-down of the transmission and/or distribution electrical system
4. Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system
5. Uncontrolled loss of 300 Megawatts (MW) or more of firm system loads for more than 15 minutes from a single incident
6. Load shedding of 100 MW or more implemented under emergency operational policy
7. System-wide voltage reductions of 3 percent or more
8. Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the electric power system

Note: If the incident or disturbance is having a critical impact on operational events, respondents must balance their operational requirements with this mandatory reporting requirement. In such instances, telephone notification to the DOE Emergency Operations Center (202-586-8100) is acceptable, pending a written submission of the completed form.

WITHIN SIX HOURS OF INCIDENT: Schedule 1 and lines 13-17 of Schedule 2 must be filed if one or more of the following criteria are met and none of the eight criteria above apply

9. Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems
10. Cyber event that could potentially impact electric power system adequacy or reliability
11. Loss of electric service to more than 50,000 customers for 1 hour or more
12. Fuel supply emergencies that could impact electric power system adequacy or reliability

Update Report – Schedule 1 and lines 13-17 in Schedule 2 should be re-submitted if significant information (or changes) regarding a reported incident or disturbance becomes available after the initial Emergency Alert or Normal Alert Report was submitted. Add the new information and/or changes to the original submission and resubmit the form, checking Update as the Alert Status on line 1 of the form.

WITHIN 72 HOURS OF INCIDENT A ***FINAL REPORT*** must be filed. An updated Form OE-417 Schedule 1 and all of Schedule 2 are both due within 72 hours of the incident to provide complete disruption information.

Complete and revise Schedule 1 as necessary and check "Final" as Alert Status on line 1.

On Schedule 2 provide a narrative description of the event and actions taken to resolve the incident. There are several specific subject blocks of space shown on the Schedule that are provided to gather the specific information. Include, as appropriate, the cause of the incident or disturbance, change in frequency, the equipment damaged, critical infrastructures interrupted, and affect on other electrical systems. Equivalent documents containing this information can be supplied to meet this requirement; this includes the North American Electric Reliability Corporation EOP-004 Disturbance Report.

SPECIFIC INSTRUCTIONS

Definitions of electric power industry terminology and other terms are available on the EIA website and in Appendix B, the Glossary for these instructions. Refer to the above for details on accessing the EIA website. Please refer to these definitions before completing the survey form.

Schedule 1

Criteria for filing Examine the Criteria for Filing on page 1 of the form to determine if a form needs to be filled out. Check all criteria (boxes 1–12) that apply to the situation or incident. If any of criteria 1-8 apply to the incident, then a report must be filed within one hour of the incident and respondents should check the Emergency Alert box on Line 1. If any of the boxes 9-12 are checked AND none of the boxes 1-8 have been checked, then the form must be filed within 6 hours of the incident and respondents should check the Normal Alert box on the Alert Status (line 1). An updated Schedule 1 also should be submitted with all of Schedule 2 filled out as the Final Report, 72 hours after the incident.

Organization Filing section Lines 1 – 3

- **Line 1, Alert Status**: check the Emergency Alert box if at least one of criteria 1-8 apply; check Normal Alert box if only one or more of criteria 9-12 apply; check Update box if this filing is a re-submission due to important changes or corrections from the prior submission; check Final box to indicate this is the final report submitted for the incident, which should be filed 72 hours after the incident or disturbance was detected to have met one of the 12 criteria.
- **Lines 2 and 3**: enter the name and address of the organization filing the report.

Incident and Disturbance Data -- Completely fill out all parts of Lines 4-13 that apply

- **Line 4 Geographic Area(s) Affected**, enter the name of the State(s) and political subdivision(s) (i.e., city, town, county, etc.) affected by the incident. Please identify in general terms the largest area affected by the incident. (This does not represent a requirement to list all the cities and towns in a region or State.) If you are unsure what geographic areas are affected at the time of the initial submission of Schedule 1 of the form, check the unknown box; when the geographic locations are determined fill in this data on line 4 of the form and re-submit the form, checking the Update or Final Alert Status box on line 1, as applicable.
- **Line 5 Date/Time Incident Began (mm-dd-yy/hh:mm),** enter the month, day, and year, the time, in 24-hour time format, and check the appropriate time zone when that the incident began.
- **Line 6 Date/Time Incident Ended (mm-dd-yy/hh:mm)**, enter the month, day, and year, the time, in 24-hour time format, and check the appropriate time zone when the event no longer met any of the 12 criteria.
- **Line 7 Did the incident/disturbance originate in your system/area?** If known, check the Yes or No box; otherwise check the unknown box. If the unknown box is checked at the time of initial submission, and later this is determined, check the Yes or No box as applicable when re-submitting the form as either an Update or Final report.
- **Line 8 Estimate of Amount of Demand Involved (Peak Megawatts),** enter the amount of the peak demand involved over the entire incident. In the Emergency or Normal alert, if amount is unknown and you are unable to make an estimate, then leave this blank. Provide the actual number or an estimate in any Update notice or Final report.
- **Line 9 Estimate of Number of Customers Affected**, enter the **total number** of customers affected during the entire incident or disturbance which could be more than the peak number in the case of rolling blackouts. If this number cannot be estimated when the form is initially submitted, check the unknown box; when the number of customers can be estimated, fill in this data on line 9 of the form and re-submit the form, checking the Update or Final Alert Status box on line 1, as applicable.
- **Line 10 Type of Emergency** – check all options that apply:
  - **Physical Attack**: An attack on any part of your system suspected of being a deliberate attack or sabotage that disrupts system operations or had the intent to harm the national security of the United States. **Note**: If burglary or vandalism is suspected check Vandalism under Line 12 instead.
  - **Cyber Event**: A disruption on the electrical system and/or communication system(s) caused by

unauthorized access to computer software and communications systems or networks including hardware, software, and data.

- **Major Transmission System Interruption**: An event has occurred that required action(s) to relieve voltage or loading conditions; or transmission separation or islanding has occurred.
- **Major Generation Inadequacy**: Insufficient generation exists to meet demand, or unexpected problems or inadequacies develop that impact operational and/or system reliability.
- **Major Distribution System Interruption**: A significant uncontrolled loss of load has occurred, or an unexpected controlled loss of load is required.
- **Other:** Check if the type of emergency is known, but not one of those listed above or if the type of emergency is unknown.
- **Additional Information/Comments:** Include any description of the type of emergency which can be publically released.

- **Line 11, Cause of Incident**, check all of options that apply:
  - **Complete Electrical System Failure**: check if total system failure occurred.
  - **Electrical System Separation** – **Islanding**: check if Islanding has occurred.
  - **Inadequate Electric Resources to Serve Load**: check if resource constraints have been identified or are expected to happen that limit the availability of power sources to serve load or if electric resources are not available.
  - **Actual or Potential Attack/Event**: check if there was an actual attack or reason to suspect that the disruption was intentionally caused (or that there was an attempt), check all of the following that may apply:

    Physical Attack: for disruption of the system caused by physical means such as destruction of property or an attack on any security system.

    Cyber Event: for disruption of the electrical system and/or communication system caused by unauthorized access to computer software and communications systems or networks including hardware, software, and data.

    Vandalism -- the criteria for reporting of vandalism have been separated into two parts. The primary requirement is defined by the severity of impact.

    i. Report incidents that include vandalism or threat actions which attempt to or circumvent significant security systems which protect key components used to operate the Nation's electric power systems have to be reported at all times.

    ii. A secondary reporting requirement on vandalism will not be activated for much/all of the three-year clearance cycle. This secondary requirement would be imposed on reporting of all other types of attempts or damage inflicted upon security protection within the electric power industry (e.g., cutting of locks and fences), but the obligation to report at this level and the duration of time period for which these reports have to be will be reviewed by DOE. If this becomes a reporting requirement, DOE will notify the respondents that the reporting threshold has to be met and will identify the reporting population for the duration of reporting at that level. The notification will be done by e-mail to the respondents and by an alert to critical energy infrastructure protection centers. The threat or other determination that obligates' DOE to activate this lower reporting level is directly linked to national security concerns.

  - **Transmission Equipment**: check if failure of or damage to transmission equipment occurred, causing disruption to service or reliability.
  - **Loss of Part or All of a High Voltage Substation or Switchyard:** check if substations or switchyards (230+ kV AC or 200+ kV DC) were adversely affected, causing disruption to service or reliability.
  - **Weather or Natural Disaster**: check if severe weather (thunderstorms, ice storms, etc.) or natural disasters (hurricanes, floods, tornadoes, solar activity, etc.) have caused service disruption.
  - **Operator Action(s):** check if service or reliability disruption is attributable to operator action.
  - **Fuel Supply Deficiency:** check if an existing or anticipated fuel supply emergency situation occurred.
  - **Unknown Cause:** check if the cause of the disruption is unknown.
  - **Other:** Check if the cause of the disruption is known, but not one of those listed above.
  - **Additional Information/Comments:** Include any description of the cause of the incident which can be publically released.

- **Line 12, Actions Taken**, check all of options that apply:
  - **Shed Firm Load**: check if, in order to maintain the bulk power system, system operators called for load shedding of 100 MW or greater of firm-load customers' demand, or if firm load customers were disconnected from the bulk power system during emergency conditions.
  - **Reduced Voltage:** check if system wide voltage reductions of 3 percent or greater were implemented.
  - **Made Public Appeals:** check if public appeals to

reduce the use of electricity for purposes of maintaining the continuity of the bulk electric power system were issued. Check only if appeals were issued during emergency conditions. Do not check if appeals were energy conservation related.

- **Implemented a Warning, Alert, or Contingency Plan:** check if existing short-term contingency plans were implemented to reduce demand, maximize generation to maintain the bulk power system, and/or address other reliability issues.
- **Shed Interruptible Load:** check if, in order to maintain the bulk electric system, system operators called for load shedding of 100 MW or greater of pre-selected interruptible load customers' demand, or if those interruptible customers were disconnected from the bulk power system during emergency conditions. Do not check if terminations were under contract agreements during normal operations.
- **Repaired/Restored:** check if system was repaired or restored.
- **Mitigation(s) Implemented:** check if mitigations for the event were implemented
- **Other:** check if other actions were taken
- **Additional Information/Comments:** Include any description of the actions taken that which be publically released.

- **For items that are unknown**, check the "unknown" box, and update that Line when the information becomes available in as an update filing or final report.

Schedule 2

When to File: Lines 13-17 of Schedule 2 must be filed 1 or 6 hours after the incident. All of Schedule 2 must be filed within 72 hours of the incident along with an updated Schedule 1.

- **Lines 13-17** Name of Official that needs to be contacted for follow up. Fill in contact information on official to contact for follow up.
- **Line 18 Narrative**: Provide a description of the incident and actions to resolve it.
- Provide an estimate when restoration of customers who are able to receive power will be complete.
- Provide the information on generators, lines system reference, substations, system separation, etc causing or impacted by the event.
- Provide details of any unit, process, system or critical component failures. Use additional sheets if necessary

SPECIAL INVESTIGATIONS

Under its authorities, DOE may instigate a special investigation into incidents affecting the electric power industry that involve more than BAs and Reliability Coordinators. DOE may address any energy concern or may contact any utility or business entity that participates in the electric power industry for technical information concerning a particular incident. These special investigations are infrequent.

PROVISIONS REGARDING CONFIDENTIALITY OF INFORMATION

The information reported on Schedule 1 will be considered "public information" and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form.

All information on Schedule 2 of the form will be protected and will not be disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the DOE regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905. The DOE will protect the information in accordance with its confidentiality and security policies and procedures.

The Federal Energy Administration Act requires the DOE to provide company-specific protected data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another component of DOE; to any Committee of Congress, the General Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Disclosure limitation procedures are applied to the statistical data published from OE-417 survey information to ensure that the risk of disclosure of identifiable information is very small.

The data collected on Form OE-417, Electric Emergency Incident and disturbance Report will be used by DOE to meet its overall national security and Federal Emergency Management Agency's National Response Framework responsibilities.

SANCTIONS

DOE is authorized to collect the information on Form OE-417 under the Federal Energy Administration Act of 1974 (Pub. L. No. 93-275, 15 U.S.C. 761 et seq.) as amended, the Federal Power Act (16 U.S.C 791a et seq.), the DOE Organization Act (Public Law No. 95-91, 42 U.S.C. 7101 et seq.) as amended, and the Public Utility Regulatory Policies Act of 1978, Sect. 209 (Public Law No. 95-317, 92 stat. 3117, 16 U.S.C. 824a-2). The timely submission of Form OE-417 by those required to report is mandatory under Section 13(b) of the Federal Energy Administration Act of 1974 as amended. Failure to respond may result in a penalty of not more than $2,750 per day for each civil violation or a fine of not more than $5,000 per day for each criminal violation. The government may bring a civil action to prohibit reporting violations, which may result in a temporary restraining order or a preliminary or permanent injunction without bond. In such civil action, the court may

also issue mandatory injunctions commanding any person to comply with these reporting requirements. **Title 18 U.S.C. 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.**

FILING FORMS WITH THE FEDERAL GOVERNMENT AND ESTIMATED REPORTING BURDEN

Respondents are not required to file or reply to any Federal collection of information unless it has a valid OMB control number. The public reporting burden for Schedule 1 is estimated to average 10 minutes per response and 2 hours for Schedule 2, including reviewing the form and instructions, gathering information, and submitting the form during an emergency situation. In addition DOE estimates there will be additional burden for refresher training of approximately 2 hour annually for each entity subject to reporting on Form OE-417. The burden per response has been calculated to be 2.03 hours on average. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to: Office of Electricity Delivery and Energy Reliability, OE-30, Infrastructure Security and Energy Restoration Division, 1000 Independence Avenue, S.W., Washington, D.C. 20585; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

U.S. Department of Energy Electricity Delivery and Energy Reliability Form OE-417	*ELECTRIC EMERGENCY INCIDENT AND DISTURBANCE REPORT*	Form Approved OMB No. 1901-0288 Approval Expires 01/31/15 Burden Per Response: 2.03 hours

APPENDIX A QUICK REFERENCE GUIDE

WHEN TO REPORT

Incident	File if Meet Criteria
1. Physical attack	If causes major interruption or major negative impact on critical infrastructure facilities or to operations.
2. Cyber event	If causes interruptions of electrical system operations.
3. Complete operational failure of electrical system	If isolated or interconnected electrical systems (transmission or distribution) suffer electrical system collapse.
4. Electrical System Separation (Islanding)	If part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system.
5. Uncontrolled loss of firm system load	If 300 MW or more for greater than 15 minutes from a single incident.
6. Load shedding	If 100 MW or more implemented under emergency operational policy.
7. Voltage reductions	3 percent or more applied system-wide to maintaining the continuity of bulk electric system
8. Public appeal to reduce use of electricity	If in emergency condition only to reduce demand.
9. Physical attack which targets any security system or could impacts electric power system reliability	If any component of any physical security system is damaged by an attack or is suspected to have been altered or vandalism which targets components of any security systems.
10. Cyber event which could impact electric power system reliability	If the attempt occurred or was mitigated before causing an interruption or impact.
11. Loss of electric service	If greater than 50,000 customers for 1 hour or more.
12. Fuel supply emergencies	Fuel inventories or hydro project water storage levels at 50 percent or less of normal, with projected continued downward trend; emergency generation requiring abnormal use of a particular fuel.

WHO MUST REPORT

Entity – Functional Responsibility	What is Excluded
Electric Utilities	There are no exclusions allowed. All items need to be addressed.
Balancing Authority (BA)	Reporting on the count of customers (and the amount of load, if the BA is based at a Regional Transmission Organization (RTO) or Independent System Operator) is required only for the Final Report. A BA located in vertically integrated utilities, a municipality, federal utility, state-owned or cooperative will report the amount of load and counts of customers.
Reliability Coordinators (RC)	Reporting on the count of customers is excluded. If the RC has an agreement with the RTO to supply the customer counts, the RC can supply this information
Generating Entities	Entities who have 300MW or more of generation detected to one or more end-use customers are required to file the form under criterion #5.
Local Utilities in Alaska, Hawaii, Puerto Rico, the U.S. Virgin Islands, and the U.S. Territories	If the local electrical system is less than 300 MW, then only file if criteria 1, 2, 3 or 4 are met.
Computer, telecommunication, and physical security offices that support the BA, RC, and electric utility or located within the entity	These support centers or offices can file information, in lieu of the emergency offices, on incident types 1, 2, 9 or 10 in direct submissions to DOE. These support centers or offices will address no other incident types.

WHEN TO SUBMIT

Schedule	Time Limit
Submit Emergency Alert - Schedule 1 and lines 13-17 of Schedule 2	Within 1 hour after the incident if any of criteria 1-8 is met.
Submit Normal Alert - Schedule 1 and lines 13-17 of Schedule 2	Within 6 hours after the incident if any of criteria 9-12 is met and criteria 1-8 has not been met.
Submit Update - Schedule 1 and lines 13-17 of Schedule 2	As applicable after initial submission if significant new information is available or if significant changes occurred since submission.
Submit Final - Schedule 1 and Schedule 2	Within 72 hours after incident.

HOW TO SUBMIT

How	Website/E-mail Address/Phone Number
Online	http://www.oe.netl.doe.gov/oe417.aspx
E-mail	doehqeoc@hq.doe.gov
Telephone (*Staffed 24/7*)	(202) 586-8100
Fax	(202) 586-8485 (only when other methods are not available)

APPENDIX B

GLOSSARY

Balancing Authority (BA): The responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.

Complete Operational Failure: An emergency event where an electrically isolated or interconnected electrical system suffers total system collapse that results in the shutdown of the transmission and/or distribution electrical system. If communications are affected, then reporting is done as soon as practical after restoration of an operational control center.

Cyber Event: A disruption on the electrical system and/or communication system(s) caused by unauthorized access to computer software and communications systems or networks including hardware, software, and data.

Cyber/computer/telecom: Cyber/computer systems are those used in a power entity organization for electric power operations, power marketing or corporate IT (information technology) functions.

Electric Utility: A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included

Electrical System Separation – Islanding: Part or parts of the utility grid remain(s) operational in an otherwise blacked out area.

Firm Load: Power provided to customers that is continuously available on demand and which is subject to interruption only under extreme circumstances.

Fuel Supply Emergency: Existing or anticipated fuel supply situations that could threaten continuity of the bulk electric power supply system, including:

1. Fuel inventories or hydro project water storage levels at 50 percent or less of normal, with a projected continued downward trend.
2. Emergency generation requiring abnormal use of a particular fuel with the potential to reduce supply or stocks to a level that threatens the reliability or adequacy of electric service.

Generating Entity: Any combination of physically connected generators, reactors, boilers, combustion turbines, and other prime movers operated together to produce electric power.

Independent System Operator (ISO): An independent entity that coordinates regional transmission in a manner that is non-discriminatory against any transmission owners, operators or users, and ensures a safe and reliable electric system.

Interruptible Load: This Demand-Side Management category represents the consumer load that, in accordance with contractual arrangements, can be interrupted at the time of annual peak load by the action of the consumer at the direct request of the system operator. Reporting on the Form OE-417 is limited to those interruptions implemented under emergency operational policy or contingency plans.

Major Distribution System Interruption: Loss of load has occurred in a controlled or uncontrolled fashion that exceeds the reporting thresholds.

Major Generation Inadequacy: When there is insufficient generation to meet demand, forcing a service interruption or disruption.

Major Transmission Interruption: The disruption of the movement or transfer of electric energy over an interconnected group of lines and associated equipment between points of supply and points at which it is transformed for delivery to other electric systems that will deliver it in their distribution systems to end-use consumers. Major interruptions are those disruptions that impact the reliability of the electrical system that cannot be addressed by use of alternate transmission paths or cause the potential of additional system disabling contingencies. These transmission events require action(s) to relieve voltage or loading conditions, or transmission separation or islanding has occurred.

Regional Transmission Organization (RTO): Independent entities that control and operate regional electric transmission grids free of any discriminatory practices.

Reliability Coordinators: The entity that is the highest level of authority who is responsible for the reliable operation

of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations.

Telecommunications: Critical telecommunications are those systems that are essential for the power industry system operation including wireline and wireless, both voice and data.

Transmission Operator: The entity responsible for the reliability of its “local” transmission system, and that operates or directs the operations of the transmission facilities.

Voltage Reduction: Any intentional reduction of system voltage for reasons of maintaining the continuity of service of the bulk electric system.

APPENDIX I

Actions for Suspected Sabotage Events

All personnel should pay close attention to the events described in the table below. For all situations, perform the following actions along with the supplementary actions and then refer back to Section 9:

1. **Immediately contact the Plant Manager (or designee in his/her absence)**
2. **Ensure that all on duty personnel are alerted to the possibility of a sabotage event.**
3. **Document as many details about the situation as possible. Note times, events, and descriptions as applicable to the situation.**
4. **If appropriate, notify law enforcement and parties of the interconnection in accordance with Section 9C.**

Event	Event Definition	Supplementary Actions
Abnormal Behavior of Personnel	Persons with disgruntled, violent, or threatening behavior. Persons with a history of health or financial problems or any other reason that may cause odd behavior.	• Stay calm and don't aggravate the situation • If they are receptive, try to calm the person down. Explain that you wish to help.
Unfamiliar/Unescorted Visitors	Anyone who is on-site without permission and without an escort	• Provide escort to a secure area of the facility • Gather information as to the purpose of their visit
Unexplained Packages or Shipments	Any delivery with questionable labeling or from an unknown shipping company. Any package of suspicious origins that cannot be identified.	• DO NOT DISTURB THE OBJECT • Refer to Appendix C - Suspected Bomb/Sabotage Device Safety Precautions
Abandoned Vehicles	Vehicles on-site or near the facility that are not recognized and have no purpose being there	• Inquire as to the owner of the vehicle • Record a description of the vehicle and its license plate number

Event	Event Definition	Supplementary Actions
Abnormal Observations	Observation of any suspicious persons taking pictures and/or notes around the facility.	• Attempt to identify the person and their intent • Take note of identifying details about the person and their method of transportation.
Equipment Misuse/Abuse	Unauthorized changes to equipment that affect functionality or deliberate efforts to damage or destroy equipment.	• Coordinate with the Plant Manager and the Control Room to place the facility in a safe condition if the affected equipment cannot be isolated from the system. • Determine the extent of which the equipment was misused/abused
Attempted Intrusion (Physical)	A detected effort to gain unauthorized access of a person or a device through the physical perimeter but without obvious success.	• Inform all personnel of the event and conduct a search of the area for anything or anyone that appears to be suspicious. • Secure all sensitive plant areas through any available means
Attempted Intrusion (Cyber)	A detected effort to gain unauthorized ingress or egress through the electronic perimeter or into an electronic perimeter device but without obvious success.	• Record all activity that led you to determine the event was an attempted intrusion • Using an alternate means of communications (e.g. cell phone), contact appropriate entities listed on Appendix F – Emergency Response Contact List • For Critical Facilities, refer to facility CIP policies and procedures.
Cyber and/or Communication Disruptions	Failure, degradation of functionality, or unauthorized access or use of facilities used for the exchange of voice or data.	• Record details of any suspicious events that led up to the disruption • Using an alternate means of communications (e.g. cell phone), contact appropriate entities listed on Appendix F – Emergency Response Contact List • For Critical Facilities, refer to facility CIP policies and procedures.

Event	Event Definition	Supplementary Actions
Information Theft and/or Loss of Sensitive Plant Information	Unauthorized removal or loss of sensitive information.	• Record details about the theft including the last time you saw or used the data or documentation in question • Contact appropriate entities listed on Appendix F – Emergency Response Contact List • For Critical Facilities, refer to facility CIP policies and procedures.
Unauthorized Modification of Software or Data	Unauthorized addition or modification of software or data associated with the proper operation of cyber assets.	• Record details regarding the modification • Ensure any affected systems are in a safe condition and close the affected programs. • For Critical Facilities, refer to facility CIP policies and procedures.

APPENDIX J

On-Site Hazardous Chemicals

Chemical Name, Description	Threshold Qty, Pure Product	Threshold Qty Solution in Use	Stored Qty On-site
Aqueous Ammonia (10-30% solution)	100 lbs.	~13 gallons	12,500 gallons
Diesel Fuel Oil (No. 2 grade)	1,000 gallons	1,000 gallons	4000 gallons
Sulfuric Acid (93% solution)	1,000 lbs	~65 gallons	1955 total gallons
Sodium Hydroxide (50% solution)	1,000 lbs.	~79 gallons	1050 gallons

Modify table as needed

Appendix II: Substantial Harm Determination

Appendix II:
Decision Analysis/Substantial Harm Determination For SPCC Preparation

Facility Name: Tracy Biomass Plant

Facility Address: 14800 W. Schulte Road, Tracy, CA 95377

Evaluator: Craig R. Fletcher/ Bob Clark–Riddell Date: 9/28/2012

SPCC PLAN REQUIREMENTS	Yes	No
1. Does the facility have an aggregate aboveground oil storage or use volume in excess of 1,320 gallons?	☒	☐
2. Does the facility have underground oil storage volume in excess of 42,000 gallons?	☐	☒
(If the answer to either of these questions is "Yes," go to Question #3. If "No," an SPCC plan is not required)		
3. Could an oil spill at this facility be expected to discharge harmful quantities to "navigable" waters, including storm drains and drainage ditches, if left unattended before it could be cleaned up?	☐	☒
(If the answer to Question #3 is "Yes," an SPCC plan must be prepared. If the answers are **ALL** "No," an SPCC plan may not be required)		

APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA ANALYSIS	Yes	No
1. Does the facility transfer oil over water to or from vessels and does the facility have a total oil storage capacity greater than or equal to 42,000 gallons?	☐	☒
2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground oil storage tank area?	☐	☒
3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in Attachment C-III of 40CFR112) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments?	☐	☒
4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in Attachment C-III of 40CFR112) such that a discharge from the facility would shut down a public drinking water intake?	☐	☒
5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?	☐	☒

Appendix III: Bulk Storage Container Monthly Facility Inspection Checklist

Appendix III
Tracy Biomass Plant SPCC Monthly Inspection Checklist

(Adapted from STI-SP001)

All oil containing equipment associated with active operations must be inspected and significant observations must be recorded below. **Inspections must be completed and recorded on this form once each calendar month.** Inspectors must focus on identifying oil leaks, spills, accumulations, or staining, as well as equipment wear, damage, or other degradation that is affecting or could affect the integrity or tightness of oil containing tanks, containers, and equipment. Observe all visible portions of any oil-containing apparatus including metal surfaces, flanges, pipe joints, expansion joints, valves bodies, valve glands, catch pans, pipe and tank supports, etc. Explain any "YES" answers in the comments column and the space provided for explanations at the end of the form. Submit or correct Work Orders for any issues and record the Work Order Number and or correction at the end of the form. Forward a copy of the completed checklist to the Plant Engineer.

Using the Inspection Checklist

The attached checklist is used for documenting monthly inspections at the facility. This inspection includes oil filled electrical equipment (such as transformers), oil filled operating equipment (such as steam turbine lube oil reservoirs), as well as bulk storage containers such as tanks, and 55 gallon drums).

The checklist includes more entries for the bulk storage containers, such as tanks, than it does for other equipment, such as transformers. The additional entries are required for tanks and bulk storage containers due to regulatory requirements, specifically following the Steel Tank Institute Standard SP-001. The facility uses this standard to meet the integrity testing requirements for bulk storage containers.

Types of Equipment to Be Inspected

Three types of equipment require inspection: These include Bulk Storage Containers (e.g., tanks), Portable Containers (drums and portable tanks), and Oil filled Operating Equipment (which also includes electrical equipment containing oil). Separate sections of the inspection form are used for these three types of equipment, since the questions required by the regulation are different for each type of equipment. This inspection form also includes a section for checking the contents of the Spill Kits at the site, another requirement of the SPCC regulation. A list of the contents of the spill kits is included as a reference document for this checklist.

Annual Inspection

For Bulk Storage Containers (the Diesel Storage Tank and Fire Pump House Tank) require a separate, more detailed Annual Inspection. For these tanks only, the annual inspection takes the place of one of the monthly inspections. The Annual Inspection Checklist is included as Appendix IV of the SPCC Plan. The Portable Containers and Oil Filled Equipment have only the monthly inspection requirement.

Who Can Inspect

This visual inspection does not require a certified inspector. It shall be performed by an owner's inspector who is familiar with the site and can identify changes and developing problems.

Required Actions

Remove promptly upon discovery standing water or liquid in the primary tank, secondary containment area, interstice, or spill container. Before discharge to the environment, inspect the liquid for regulated products or other contaminants. If a sheen or other contaminants are noted, notify the supervisor immediately, and use booms, diapers, or other means to remove the sheen. Alternatively, liquids can be removed by a vacuum truck and disposed of properly, especially if free oil is observed. Use Appendix V, Record of Containment Drainage, to document these actions.

In order to comply with EPA SPCC (Spill Prevention, Control and Countermeasure) rules, a facility must regularly test liquid level sensing devices to ensure proper operation (40 CFR 112.8(8)(v)).

Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a certified inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.

Note: If a change has occurred to the tank system or containment that may affect the SPCC plan, the condition should be evaluated against the current plan requirement by a Professional Engineer knowledgeable in SPCC development and implementation.

Inspection Guidance
The following section provides additional details about the questions and responses needed for completing the inspection forms.

Evidence of leaks/spills from container or tank, piping, gaskets or valves?
Check the exterior of the equipment, and note any spills/releases from any of the equipment. Continuing slow drips should be addressed through normal maintenance practices. If visible leaks are occurring, take appropriate action to address the leaking. Pay particular attention to the piping, gaskets, threaded connections, and valves, and report deficiencies on the form.

Any liquids in containment areas, interstitial space, in surrounding concrete or soil?
Check for oil, rainwater, or other liquids in the containment. The Diesel Storage Tank has a mechanical annular space sensor with a visible float that provides visual indication of liquids in the interstitial space of the tank.

The remaining tanks at the site are not equipped with annular spaces for monitoring. For these tanks, visual observation of the containment area is all that is required. If water is found, use Appendix V, Record of Containment Discharge, to document any release of water or liquids following inspection.

Is there debris, cracks, or fire hazards in external secondary containment areas?
This applies to areas such as the Oil Storage Area, the Fire Pump Tank, and other areas with external secondary containment. At the Diesel Storage Tank, check the small containment area used for the portable diesel tank. Debris or fire hazards in external secondary containment take up space that is needed to contain a release if one were to occur from the equipment or tank/container. Take actions if these are found to remove these items from the secondary containment areas.

Any liquids, debris, residue or water in spill container at fill location?
The Diesel Storage Tank uses a spill containment bowl to capture any small drips during fueling of this tank. Check this area to ensure these areas remain free of liquids, debris, residue, or water. If debris, residues or water is found in the container, remove promptly. The Fire Pump Tank does not have a separate spill container on the fill port.

Is water present in the primary tank?
Use water finding paste to check for presence of water in the diesel fuel tanks (the Diesel Storage Tank and the Fire Pump Tank). If water is present, arrange to have removed, as water reduces fuel quality and causes internal corrosion of the tank, as well as can damage equipment. Lube oil tanks, waste oil tanks, and portable containers that are periodically emptied do not generally require water checks, unless these tanks are suspected to have water present continually.

Is Level Gauge not operational or not readable? Record gauge level
The Diesel Storage Tank and the Fire Pump Tank use gauges that provide the level of the fuel in the tank. Record the level readings from each tank on the form. If the level gauge does not appear to be functioning properly, note this on the form and take action to repair or replace the equipment.

Are ladders or platforms associated with the tank secure and in good condition?
The only tank at the facility with a ladder/platform is the Diesel Storage Tank. Check the condition of the equipment and record the result on the form.

Portable Container Inspections
Portable containers at the facility include drums and the small 100 gallon hydraulic oil, motor oil, and diesel tanks. The hydraulic and motor oil tanks are located in the Oil Storage Area, and the portable diesel tank is located adjacent to the Diesel Fuel Tank. Many of the questions are similar to inspection items for other equipment.

Evidence of Leaks/Spills from container?
Check the containers (drums & tanks) for any leaking or spillage from the container—the entire storage area should be inspected. Record the results on the form. If oil leaks are found, take action consistent with plant practices to repair equipment.

Any containers distorted, buckling, denting or bulging?
Inspect containers to check for damage, including checking for bulging or distorted conditions. If found, ensure that the containers are still suitable for petroleum storage. If not, take action to replace the container.

Are Containers within designated storage areas?
Drums at the facility should be stored within the Oil Storage Area, unless they are in active use elsewhere. Similarly, the portable diesel tank should be stored in the small containment area near the Diesel Fuel Tank, unless in active use elsewhere.

Any Debris, spills or fire hazards in containment or storage area?
Containment areas should be free of debris and fire hazards. If spills or fire hazards are found note results on form and notify supervisor.

Any pathways blocked?
This inspection items applies to the secondary containment area. Pathways should remain clear and free of obstructions and fire hazards.

Any water in any outdoor secondary containment?*
Standing water in secondary containment reduces the capacity of the containment, and if in contact with steel, accelerates corrosion. If water is found, use Appendix V, Record of Containment Discharge, to document any release of water or liquids following inspection.

Oil Filled Equipment Inspections
Oil filled equipment at the facility include transformers, lube oil reservoirs, and other equipment as listed in the inspection form. The inspection of this equipment is fairly straightforward.

Any Evidence of Oil Leaks/Spills from container, piping, gaskets or valves?
Check the equipment for any leaking or spillage from the container—the entire perimeter of the equipment should be inspected. Pay close attention to any piping, gaskets, or valves, as these are common areas for leaks. Record the results on the form. If oil leaks are found, take action consistent with plant practices to repair equipment.

Any Equipment Wear, Damage, Deterioration, including bolts and seams?
Check the equipment for evidence of wear or damage. Evidence of wear includes frayed hoses, belts, wiring, piping, and other mechanical equipment. Note the location of the wear or damage on the form, and notify the supervisor if condition warrants.

Any liquids, debris, fire hazards, combustibles, or cracks in containment areas?
Containment areas used for oil filled equipment should be free of debris and fire hazards. If these are found note results on form and notify supervisor. If cracks or failures are found that jeopardize the ability of the containment to hold a release, note on form and take action consistent with plant practices for repairs.

Spill Kit Inventory Check
Spill kits are located near the diesel fuel tank, the fire pump house, the oil storage area, the Lube Oil Reservoir area, and spill shed. As part of the monthly inspection, check the contents of these kits and ensure they are suitably stocked. The Spill kit contents are listed in Appendix VII, Spill Kit Inventory.

Other Inspections
The Bulk Storage Containers (specifically, the Diesel Storage Tank and the Fire Pump House Tank), require an annual inspection. Use Appendix IV, Tracy Biomass Plant Annual Inspection Form, to document these inspections.

In the event of severe weather (snow, ice, wind storms) or maintenance (such as painting) that could affect the operation of critical components (normal and emergency vents, valves), an inspection of these components is required immediately following the event.

Reference Attachments (included in this package for reference during inspection)
Appendix V: Record of Containment Drainage
Appendix VII: Spill Kit Inventory

Tracy Biomass Plant Monthly SPCC Inspection Checklist

Date of Inspection:	**Inspector (signature)**

Bulk Storage Tanks Inspection Item (storage amount)	**Evidence of Leaks/Spills from container, piping, gaskets or valves?**	**Any liquids in containment areas, interstitial space, or surrounding concrete or soil?**	**Is there debris, cracks, or fire hazards in external secondary containment areas?**	**Any liquids, debris, residue or water in spill container at fill location?**	**Is Level Gauge not operational or not readable? Record gauge level**	**Are ladders or platforms secure and in good condition?**	**Is water present in the primary tank?**	**Is Spill Kit Missing any Contents?**
Diesel Fuel Tank (4000 gal)	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N Level _____	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N
Fire Pump House Tank (300 gal)	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	Not Applicable	☐ Y☐ N Level _____	Not Applicable	☐ Y☐ N	☐ Y☐ N

Portable Containers Inspection Item (storage amount)	**Evidence of Leaks/Spills from container?**	**Any containers distorted buckling, denting or bulging?**	**Are Containers within designated storage areas?**	**Any Debris, spills or fire hazards in containment or storage area?**	**Any pathways blocked?**	**Any water in any outdoor secondary containment?***	**Comments/Notes**
55 gal. drums in Oil Storage Area(varies)	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	
2-100 gallon ASTs (100 gal each)*	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	
Portable Diesel Tank (100 gal)	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	

Oil Filled Equipment Inspection Item	**Any Evidence of Oil Leaks/Spills from container, piping, gaskets or valves?**	**Any Equipment Wear, Damage, Deterioration, including bolts and seams?**	**Any liquids, debris, fire hazards, combustibles, or cracks in containment areas?**	**Is Spill Kit Missing any Contents?**	**Any other conditions that should be addressed for continued safe operation or that affect the site SPCC Plan?**
Lube Oil Sys Tank	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	
Truck Tipper #1	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	Not Applicable	
Truck Tipper #2	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	Not Applicable	
Main Transformer	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	Not Applicable	
Aux Transformers (4)	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	Not Applicable	
ESP Transformers (4)	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	Not Applicable	
Rectifier	☐ Y☐ N	☐ Y☐ N	☐ Y☐ N	Not Applicable	
Spill Shed	**Is Spill Kit Missing any Contents?** ☐ Y☐ N				
Comments/Notes					

***NOTE: * If liquids found, use Appendix V, Record of Containment Drainage, to document actions**

Appendix V
Tracy Biomass Plant Record of Containment Drainage

Records such as this document shall be completed when rainwater from containment areas is drained to a storm drain or into an open watercourse or pond, or somehow bypasses the normal flow path. Discharge valve shall remain sealed in closed position under non-discharge conditions. Close valve following release of water.

Date	Containment Area	Presence of Oil or Sheen* (Yes/No)	Time open	Time closed	Signature

*If present, do not discharge water unless sheen or oil removed prior to release. If emergency condition, note condition of water and notify Supervisor immediately.

Appendix VII
Spill Response Equipment Inventory

(Typical Quantities)

Item	Max. Amount	Min. Amount	On Hand Amount
Location: Spill Shed			
Granular Absorbent	5 bags	3 bags	
Pads – 15” x 19”	5 boxes @ 100 ea	3 boxes	
Pads – 15” x 150”	5 boxes @ 1 ea	3 boxes	
Booms – 3” x 4’	5 boxes @ 10 ea	3 boxes	
Booms – 5” x 10’	2 boxes @ 5 ea	3 boxes	
Drum - 55 gal, Steel, Closed-Top	5 drums	3 drums	
Drum - 55 gal, Steel, Open-Top	5 drums	3 drums	
Water hose	100 ft	100 ft	
Push brooms	3 ea	2 ea	
Rakes	3 ea	2 ea	
Shovels	4 ea	3 ea	
Squeegee	3 ea	2 ea	
Pump - Portable, Electric, GFCI	1 ea	1 ea	
Buckets - 5 gal, Poly	6 ea	5 ea	
Pipe wrench -14 in	1 ea	1 ea	
Screw driver - Phillips	1 ea	1 ea	
Screw driver - Standard	1 ea	1 ea	
Pliers - Channel Lock	1 ea	1 ea	
Location: Diesel Storage Tank, Turbine Lube Oil Skid, Fire Pump House, & Oil Storage Area			
Oil Only Spill Kaddie - mobile, compact emergency spill kit for fast spill response or maintenance mess prevention - for oil based materials - anywhere in the plant.			
Booms - 3" x 4' SOCs	5 ea	5 ea	
Pads - 15" x 73' Roll	1 roll	1 roll	
Pillows - 10" x 10"	8 ea	8 ea	
Disposal Bags	5 ea	5 ea	
Nitrile Gloves	1 pair	1 pair	
Goggles	1 pair	1 pair	
Emergency Response Handbook	3 pairs	2 pairs	

Equipment capabilities are as shown. Other Equipment at the facility includes drums, spill absorbent, brooms, buckets, mops, and other materials that can be used in event of emergency, but not listed here.

Spill kits are required to be inspected monthly as part of SPCC Plan

It is the responsibility of the Plant Supervisor and the Thermal Energy employee doing the inventory to ensure the supplies that are needed to maintain the minimum inventory are ordered and/or put in stock within 30 days of inventory check.

Appendix IV: Bulk Storage Container Annual Facility Inspection Checklist

Appendix IV
Annual SPCC Inspection Checklist-Bulk Storage Containers
(Adapted from STI-SP001)

Bulk storage containers at the facility are required to be inspected annually in accordance with the SPCC Plan. This checklist is used to document the results of the inspection. For Bulk Storage Containers, the annual inspection is performed *in lieu of* one of the monthly inspections, not in addition to.

Using the Inspection Checklist

The attached checklist is used for documenting the annual inspections required for Bulk Storage Containers (i.e., fixed tanks) at the facility. Only the following tanks are required to perform an annual inspection:

Tanks Requiring Annual Inspection –Tracy Biomass Power Plant

- Diesel Tank (4000 gal)
- Fire Pump House Diesel Tank (300 gal)

An annual inspection is **not** required for portable containers (such as 55 gallon drums, or the 100 gallon tanks in the oil storage area), operating equipment (such as, steam turbine lube oil reservoirs, etc.), nor any electrical equipment (such as transformers).

The annual inspection is performed following the Steel Tank Institute Standard SP-001. The facility uses this standard to meet the integrity testing requirements for bulk storage containers.

Who Can Inspect

This visual inspection does not require a certified inspector. It shall be performed by an owner's inspector who is familiar with the site and can identify changes and developing problems.

Remove promptly upon discovery standing water or liquid in the primary tank, secondary containment area, interstice, or spill container. Before discharge to the environment, inspect the liquid for regulated products or other contaminants and disposed of it properly.

In order to comply with EPA SPCC (Spill Prevention, Control and Countermeasure) rules, a facility must regularly test liquid level sensing devices to ensure proper operation (40 CFR 112.8(8)(v).

Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a certified inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.

Note: If a change has occurred to the tank system or containment that may affect the SPCC plan, the condition should be evaluated against the current plan requirement by a Professional Engineer knowledgeable in SPCC development and implementation.

Inspection Guidance

The following section provides additional details about the questions and responses needed for completing the inspection forms.

<u>Containment Areas</u>

Any holes or cracks in secondary containment shell of tank, or holes or cracks in containment area, or evidence of containment leakage?

For the 4000 gallon diesel tank, inspect the outer secondary steel shell; for the Fire Pump Tank, inspect the concrete containment beneath the tank. Inspect these areas for evidence of impaired integrity, such as holes, cracks, or other damage. Evidence of containment leakage includes stained areas, or wet spots in

outside of the containment. Note any damaged, leaking, failing or otherwise suspect areas. If leaks are evident, take appropriate action consistent with facility practices.

Tank Foundation

Any Tank Settlement, extensive corrosion, paint failure or washout of foundation or supports?

Check carefully the saddles and supports for the tanks. Note if the tank appears to be leaning, listing, or otherwise not straight and plumb are evidence of settlement. Tank foundations or supports that are showing extensive corrosion, paint failure, or washout require follow-up actions to prevent further degradation and the potential for a release. Take action if these conditions are noted during the inspection.

Does water drain away from tank?

To avoid corrosion, water should drain away from the tank and footings. Ensure that containment areas remain free of standing water by taking appropriate actions. Do not allow water to remain in contact with steel supports or the tank. Since the Fire Pump Tank is located indoors, no water should be present in the concrete secondary containment of this tank.

Grounding strap secured and in good condition?

Check the grounding strap to make sure remains securely connected to the tank and is not frayed or damaged.

Tank Exterior

Evidence of corrosion or coating failure?

Note areas where significant corrosion or paint failure has occurred. Take actions to address corroded areas and to repaint failed areas promptly.

Evidence of denting, buckling, bulging, or cracking?

Observe the tanks to check for damage of these types. If observed, take prompt actions consistent with plant practices to address these issues. If noticeable distortions have occurred, a more detailed inspection may be required to ensure safe continued operation.

Any evidence of standing water on the exterior shell of the tank?

Check the tank for the presence of standing water. If water is pooling, ensure the water is removed to prevent paint/coating failure.

Venting

Vents free of obstructions?

Check both primary (working) vents and emergency vents are clear and not obstructed by debris, nests, insects, or if any piping or other equipment is blocking the vent. Vents must remain free of obstructions to work properly. Take action if obstructions are identified.

Emergency vent operable? Lift as required?

Emergency vents are typically larger diameter (typically 8-12 inches diameter) ports with weighted lids. The Diesel Storage Tank has two emergency vents, one each for the primary tank and one for the secondary shell. The emergency vent should be able to be lifted with some difficulty--these devices are weighted to lift at an engineered pressure. If any emergency vent is frozen, arrange to have this repaired as soon as possible.

The Fire Pump House Tank does not have a dedicated emergency vent of weighted design.

Piping, Valves, Gaskets

Any active leaks from piping, valves, or gaskets? Pipes, valves, and gaskets should be in good condition, not leaking, and operable. If this equipment is not fit for continued service, take appropriate action consistent with facility maintenance practices to rectify the condition.

Visually inspect anti-siphon valve and confirm proper operation

Inspect the anti-siphon valve on the top of the Diesel Fuel Tank to check for weeping fuel or other indications of improper operation. If indications exist of problems with the anti-siphon valve, it is recommended that a qualified petroleum contractor be retained to investigate the condition. An accessible dedicated anti-siphon valve is not installed on the Fire Pump Tank.

Visually inspect solenoid valve and cycle valve confirm proper operation

The solenoid valve installed at the Diesel Fuel Tank is designed to open when the pump is turned on. If this device failed, it would not be possible to obtain fuel, as these are normally closed valves. Evidence of improper operation would be loss of the ability to pump fuel, excessive noise, or weeping joints near the valve. This valve can be tested by listening for the plunger opening after the electrical power has been cycled on**.**

The Fire Pump Tank has tank mounted solenoids that should be visually checked for the presence of leakage or other indications of problems. Since these are part of the operability testing performed periodically on the Fire System, the operation of these solenoids is normally checked during that testing, and are not needed to be tested as part of the SPCC Plan inspection.

Fire/Shear Valve-manually cycle valve to ensure free operation

On the Diesel Fuel Tank, inspect this valve to make sure the spring mechanism can release in an emergency. Check to ensure that no weeping or leakage of the valve is occurring.

The Fire Pump Tank does not have a fire/shear valve installed.

Interstitial Leak Detection Equipment-

Is the inspection window clean and clear?

Check to ensure the inspection window remains clean, clear, and easily visible from ground level. If not, arrange to have cleaned or replaced as necessary.

Is there an indication of a release? T

he mechanical leak gauge has a float system that will engage an orange colored alarm will be evident in the gauge. If this gauge indicates a release has occurred, take actions to confirm the condition.

The Fire Pump Tank does not have an interstitial space or leak alarms.

Spill Containment Box on Tank Fill Pipe

Only the Diesel Fuel Tank has a spill containment box designed to minimize the risk of a spill during filling of the tank. Check to see if the containment bowl is corroded, damaged, or worn, and that the connection to the tank is tight and secure. If necessary, take action to ensure these devices remain in good condition and are leak-tight. Ensure that the drain valves inside of these boxes operate properly and are closed.

Liquid Level Gauge

Has the tank liquid level sensing device been tested to ensure proper operation?

For tanks with liquid level sensing devices, check to see if the readings are consistent with the tank level. This can be checked by comparing the reading on a gauge with the level in the tank collected from

sticking the tank. A tank chart, which compares the tank level (in inches) to gallons should be used to make this comparison. Confirm that the level gauge is reasonably accurate to the tank level obtained by sticking the tank.

Electrical Wiring

Is electrical wiring for control boxes/lights in working order?

Check to make sure controls and lights associated with the tank system are in good working order by observation and operating switches as necessary. Ensure that no bare wires of any kind are present near the tank or equipment. Most areas in and around petroleum tanks are classified under the Fire Code as Class I or II spaces, and require proper electrical protection. If bare wires or other damage of equipment is noted, take action immediately to ensure safety.

Labels and Tags

Are labels and tags intact and readable?

Ensure that any labels are accurate, intact, and readable, if tank is so equipped.

Spill Kit Inventory Check

Spill kits are located near the Diesel Fuel Tank, the Fire Pump House, the oil storage area, the Lube Oil Reservoir area, and spill shed. As part of the monthly inspection, check the contents of these kits and ensure they are suitably stocked.

Are there other conditions that should be addressed for continued safe operation or that may affect the site SPCC Plan?

Use this section to record any observations that could affect the safe operation o of the equipment, or if there are other findings that could affect the Spill Plan. If equipment is found that is not suitable for continued service, take action consistent with facility practices to return the equipment into active service.

Tracy Biomass Plant Annual SPCC Inspection Checklist

(Modified from STI SP-001 5th ed.)

Date of Inspection:	**Inspector (signature)**

Area of Inspection	**Diesel Fuel Tank** (4000 gal)	**Fire Pump Tank** (300 gal)
Containment		
Any holes or cracks in secondary containment shell of tank, or holes or cracks in containment area, and/or evidence of containment leakage?	☐ Y☐ N	☐ Y☐ N
Any substantial paint failure of steel secondary containment tank shell ?	☐ Y☐ N	NA
Tank Foundation		
Any Tank Settlement, extensive corrosion, paint failure or washout of foundation or supports?	☐ Y☐ N	☐ Y☐ N
Does water drain away from tank?	☐ Y☐ N	NA
Is tank grounding strap secure and in good condition?	☐ Y☐ N	☐ Y☐ N
Tank Exterior		
Evidence of corrosion or coating failure?	☐ Y☐ N	☐ Y☐ N
Evidence of denting, buckling, bulging, or cracking?	☐ Y☐ N	☐ Y☐ N
Any standing water or low points on tank roof?	☐ Y☐ N	☐ NA
Venting		
Can emergency vent covers be lifted with difficulty?	☐ Y☐ N	NA
Is primary vent obstructed or blocked?	☐ Y☐ N	☐ Y☐ N
Piping, Gaskets & Valves		
Check the condition of all piping, gaskets, and valves for leaks, corrosion and damage. Is equipment in serviceable condition?	☐ Y☐ N	☐ Y☐ N
Visually inspect anti-siphon valve and confirm proper operation	☐ Y☐ N	☐ NA
Visually inspect solenoid valve and check for proper operation	☐ Y☐ N	NA
Fire/Shear Valve-manually cycle valve to ensure free operation.	☐ Y☐ N	NA
Interstitial Space Monitoring		
Is inspection window clear and clean?	☐ Y☐ N	NA
Any indication of liquid in interstitial (annular) space?	☐ Y☐ N	NA
Spill Containment Box on Fill Pipe		
Any corrosion, damage, or loose fittings?	☐ Y☐ N	NA
Drain Valve operable and closed?	☐ Y☐ N	NA
Liquid Level Gauge		
Compare tank level on gauge to tank level determined by dipstick. If not consistent, determine cause and take actions to repair. Ensure float operates properly.	Dipstick_____ Gauge_____ ☐ OK ☐ Not OK	Dipstick_____ Gauge_____ ☐ OK ☐ Not OK
Does Float operate properly	☐ Y☐ N	☐ Y☐ N

Retain for Minimum 36 months

Tracy Biomass Plant Annual SPCC Inspection Checklist (cont'd.)

Area of Inspection	**Diesel Fuel Tank** (4000 gal)	**Fire Pump Tank** (300 gal)
Electrical Wiring		
Any exposed wiring, or damaged equipment? Is electrical wiring for control boxes/lights in working order?	☐ Y☐ N	☐ Y☐ N
Labels and Tags		
Check to ensure that all labels and tags are readable and correct.	☐ Y☐ N	☐ Y☐ N ☐ NA
Spill Equipment Inventory		
Is any spill equipment missing ? If so replace	☐ Y☐ N	☐ Y☐ N
Are there other conditions that should be addressed for continued safe operation or that may affect the site SPCC Plan?	☐ Y☐ N	☐ Y☐ N
Comments/Notes/Work Orders		

Supervisor Signature_____ Date_____

Retain for Minimum 36 months

Appendix V: Record of Containment Drainage

Appendix V
Tracy Biomass Plant Record of Containment Drainage

Records such as this document shall be completed when rainwater from containment areas is drained to a storm drain or into an open watercourse or pond, or somehow bypasses the normal flow path. Discharge valve shall remain sealed in closed position under non-discharge conditions. Close valve following release of water.

Date	Containment Area	Presence of Oil or Sheen* (Yes/No)	Time open	Time closed	Signature

*If present, do not discharge water unless sheen or oil removed prior to release. If emergency condition, note condition of water and notify Supervisor immediately.

Retain for Minimum 36 months

Appendix VI: Photographs of Equipment

Substation Area-Main Transformer near center of photo

Main Transformer-Capacity 3520 gal.

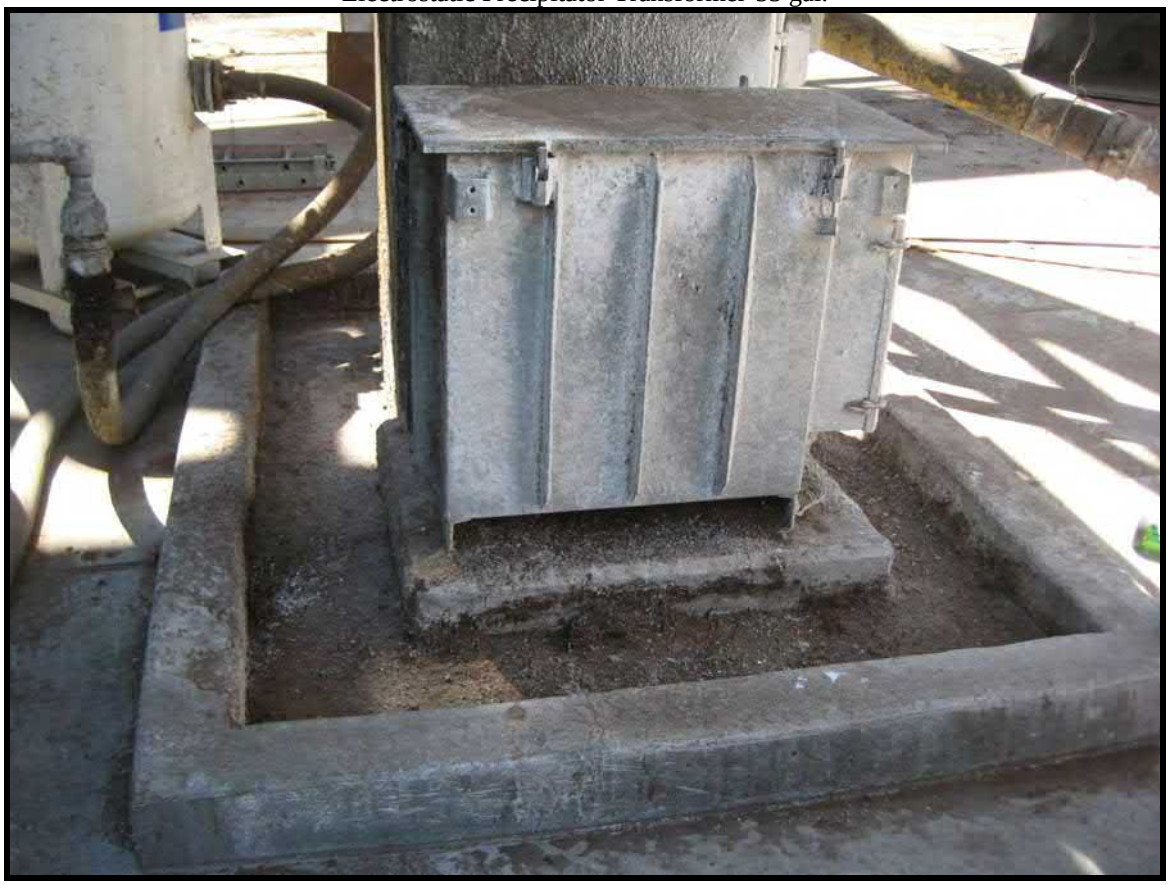
Lubricating Oil Reservoir/Tank-1500 gal.

Aux Transformer #1-4160 V 253 gal.

Aux Transformer #1-480 V 352 gal.

Aux Transformer #2-480 V 352 gal.

Electrostatic Precipitator Transformer-55 gal.



Rectifier-55 gal.

Hydraulic Oil Tank for Tipper-220 gal.

Hydraulic Oil tank and piping for Truck Tipper-220 gal.

Stormwater Pond

Drum Storage Area, 100 gallon oil storage tanks near center of photo

Diesel Fire Pump House Tank-300 gal.

Diesel Fuel Storage Tank-4000 gal.

Portable Diesel Fuel Tank-100 gal.

Oil Water Separator 611 gal.

Appendix VII: Spill Equipment Inventory

Appendix VII
Spill Response Equipment Inventory

(Typical Quantities)

Item	Max. Amount	Min. Amount	On Hand Amount
Location: Spill Shed			
Granular Absorbent	5 bags	3 bags	
Pads – 15” x 19”	5 boxes @ 100 ea	3 boxes	
Pads – 15” x 150”	5 boxes @ 1 ea	3 boxes	
Booms – 3” x 4’	5 boxes @ 10 ea	3 boxes	
Booms – 5” x 10’	2 boxes @ 5 ea	3 boxes	
Drum - 55 gal, Steel, Closed-Top	5 drums	3 drums	
Drum - 55 gal, Steel, Open-Top	5 drums	3 drums	
Water hose	100 ft	100 ft	
Push brooms	3 ea	2 ea	
Rakes	3 ea	2 ea	
Shovels	4 ea	3 ea	
Squeegee	3 ea	2 ea	
Pump - Portable, Electric, GFCI	1 ea	1 ea	
Buckets - 5 gal, Poly	6 ea	5 ea	
Pipe wrench -14 in	1 ea	1 ea	
Screw driver - Phillips	1 ea	1 ea	
Screw driver - Standard	1 ea	1 ea	
Pliers - Channel Lock	1 ea	1 ea	
Location: Diesel Tank, Turbine Lube Oil Skid, Fire Pump House, & Oil Storage Area			
Oil Only Spill Kaddie - mobile, compact emergency spill kit for fast spill response or maintenance mess prevention - for oil based materials - anywhere in the plant.			
Booms - 3" x 4' SOCs	5 ea	5 ea	
Pads - 15" x 73' Roll	1 roll	1 roll	
Pillows - 10" x 10"	8 ea	8 ea	
Disposal Bags	5 ea	5 ea	
Nitrile Gloves	1 pair	1 pair	
Goggles	1 pair	1 pair	
Emergency Response Handbook	3 pairs	2 pairs	

Equipment capabilities are as shown. Other Equipment at the facility includes drums, spill absorbent, brooms, buckets, mops, and other materials that can be used in event of emergency, but not listed here.

Spill kits to be inspected monthly as part of SPCC Plan

It is the responsibility of the Plant Supervisor and the Thermal Energy employee doing the inventory to ensure the supplies that are needed to maintain the minimum inventory are ordered and/or put in stock within 30 days of inventory check.

California Environmental Reporting System Submittal Summary

THERMAL ENERGY DEVELOP PSHIP (CERSID: 10181629)

Facility Information Submitted Mar 7, 2014

Submitted on 3/7/2014 10:07:51 AM by *Ron Sichau* of THERMAL ENERGY DEVELOP PSHIP (TRACY, CA)

- Business Activities
- Business Owner/Operator Identification

Hazardous Materials Inventory Submitted Mar 7, 2014

Submitted on 3/7/2014 10:07:51 AM by *Ron Sichau* of THERMAL ENERGY DEVELOP PSHIP (TRACY, CA)

- Hazardous Material Inventory (47)
- Site Map (Official Use Only)
  - *Annotated Site Map (Official Use Only)* (Adobe PDF, 149KB)
  - *Annotated Site Map (Official Use Only)* (Adobe PDF, 149KB)

Site Identification

THERMAL ENERGY DEVELOP PSHIP
14800 W SCHULTE RD
TRACY, CA 95377
County
San Joaquin

CERS ID
10181629
EPA ID Number
CAL000316973

Submittal Status

Submitted on 3/7/2014 by *Ron Sichau* of THERMAL ENERGY DEVELOP PSHIP (TRACY, CA)

Hazardous Materials

Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	Yes

Underground Storage Tank(s) (UST)

Does your facility own or operate underground storage tanks?	No

Hazardous Waste

Is your facility a Hazardous Waste Generator?	Yes
Does your facility treat hazardous waste on-site?	No
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	No
Does your facility consolidate hazardous waste generated at a remote site?	No
Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	No
Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	No
Is your facility a Household Hazardous Waste (HHW) Collection site?	No

Excluded and/or Exempted Materials

Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	No
Does your facility own or operate ASTs above these thresholds? Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	Yes
Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	Yes

Additional Information

No additional comments provided.

Facility/Site

THERMAL ENERGY DEVELOP PSHIP
14800 W SCHULTE RD
TRACY, CA 95377

CERS ID
10181629

Submittal Status

Submitted on 3/7/2014 by *Ron Sichau* of THERMAL ENERGY DEVELOP PSHIP (TRACY, CA)

Identification

THERMAL ENERGY DEVELOP PSHIP

Operator Phone	Business Phone	Business Fax
(209) 835-6914	(209) 835-6914	(209) 835-6918

Beginning Date	Ending Date	
3/1/2014	3/1/2015	
Dun & Bradstreet	**SIC Code**	**Primary NAICS**
842729365	4911	221112

Facility/Site Mailing Address

14800 W SCHULTE RD
TRACY, CA 95377-8795

Primary Emergency Contact

RON SICHAU
Title
PLANT MANAGER

Business Phone	24-Hour Phone	Pager Number
(209) 879-6921	(209) 914-9220	

Owner

THERMAL ENERGY DEVELOP PSHIP
(209) 835-6914
14800 W SCHULTE RD
Tracy, CA 95377

Secondary Emergency Contact

On Shift CRO
Title
Control Room Operator

Business Phone	24-Hour Phone	Pager Number
(209) 835-6914	(209) 879-6928	

Billing Contact

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Locally-collected Fields

Some or all of the following fields may be required by your local regulator(s).

Property Owner

Greenleaf Power LLC
Phone
(916) 596-2500
Mailing Address
2600 Capitol Ave
Sacramento, CA 95816

Assessor Parcel Number (APN)
20924023
Number of Employees
22
Facility ID
FA0004471

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**		Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	Bottom Ash	**Tons**	**200**		20	400	- Chronic health	Heavy Metal			
	CAS No	State: Solid	Storage Container: Other		Pressue: Ambient	Waste Code: 181					
		Type: Waste	Days on Site: 15		Temperature: Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP** 14800 W SCHULTE RD, TRACY 95377	**AQUEOUS AMMONIA STORAGE TANK**	Facility ID **FA0004471** Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Irritant	**AQUEOUS AMMONIA** CAS No 1336-21-6	**Gallons** State Liquid Type Pure	**11500** Storage Container Aboveground Tank Days on Site: 365	**12441**	5500 Pressue Ambient Temperature Ambient	Waste Code	- Acute Health - Chronic health	AQUEOUS AMMONIA	24 %		1336-21-6

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP** 14800 W SCHULTE RD, TRACY 95377	**BETWEEN BOILER & LAB AND/OR BETWEEN WELL PUMPS**	Facility ID **FA0004471** Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Other Health Hazard	**SODIUM PHOSPHATE, TRIBASIC** CAS No 7601-54-9	**Gallons** State Liquid Type Pure	**400** Storage Container Tote Bin Days on Site: 365	**400**	240 Pressue Ambient Temperature Ambient	Waste Code		SODIUM PHOSPHATE, TRIBASIC	1 %		7601-54-9

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP** 14800 W SCHULTE RD, TRACY 95377	**BETWEEN BOILER & LAB AND/OR EAST OF COOLING TOWER**	Facility ID **FA0004471** Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	OXYGEN SCAVANGER/PH ADJUST	**Gallons**	**400**	**400**	240		- Acute Health	DIETHLYHYDROXYLAMINE	10 %		3710-84-7
								HYDROQUINONE			123-31-9

CAS No	State	Storage Container	Pressue	Waste Code
	Liquid	Tote Bin	Ambient	

Type	Temperature
Days on Site: 365	Ambient

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location		CERS ID	**10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**CATHODIC RECTIFIER**		Facility ID	**FA0004471**
	14800 W SCHULTE RD, TRACY 95377			Status	**Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	OIL, MINERAL CATHODIC RECTIFIER	**Gallons**	**55**	**55**	55		- Fire				
	CAS No	State: Liquid	Storage Container: Aboveground Tank, Steel Drum		Pressue: Ambient	Waste Code					
		Type	Days on Site: 365		Temperature: Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**CONTINUOUS EMISSION MONITORING SYSTEM**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	CEMS CALIBRATION GAS STANDARD	**Cu. Feet**	**3000**	**150**	2250		- Pressure Release - Acute Health	OXYGEN 5%-13%	1 %		7782-44-7
	CAS No	State: Gas	Storage Container: Cylinder		Pressue: > Ambient	Waste Code		NITRIC OXIDE 22ppm-225ppm	1 %	✓	10102-43-9
		Type: Mixture	Days on Site: 365		Temperature: Ambient			CARBON DIOXIDE 5%-13%	1 %	✓	124-38-9
								SULFUR DIOXIDE 11ppm - 45ppm	1 %	✓	7446-09-5
								CARBON MONOIXDE 120ppm-450ppm	1 %	✓	0630-08-0

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location		CERS ID	**10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**Cooling Tower**		Facility ID	**FA0004471**
	14800 W SCHULTE RD, TRACY 95377			Status	**Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	Dispersant	**Gallons**	**110**	**55**	55	0					
	CAS No	State: Liquid	Storage Container: Plastic/Non-metalic Drum		Pressue: Ambient	Waste Code					
		Type	Days on Site: 365		Temperature: Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location		CERS ID	**10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**COOLING TOWER**		Facility ID	**FA0004471**
	14800 W SCHULTE RD, TRACY 95377			Status	**Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	CHEMTREAT CL-2150	**Gallons**	**120**	**105**	80		- Acute Health - Chronic health	5-CHLORO-2-METHY-4-ISOTHIAZOLIN-3-ONE	1 %		26172-55-4
	CAS No	State: Liquid	Storage Container: Aboveground Tank, Tote Bin		Pressue: Ambient	Waste Code		2-METHYL-4-ISOTHIAZOLIN-3-ONE	0 %		2682-20-4
		Type	Days on Site: 365		Temperature: Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**Cooling Tower and Evaporator**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	Defoamer	**Gallons**	**55**	**55**	55	0					
	CAS No	State: Liquid	Storage Container: Plastic/Non-metalic Drum		Pressue: Ambient	Waste Code					
		Type	Days on Site: 365		Temperature: Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**Domestic pump area**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Combustible Liquid, Class II, Corrosive, Other Health Hazard	**Acetic Acid** CAS No 64-19-7	**Gallons** State Liquid Type Pure	**110** Storage Container Steel Drum, Plastic/Non-metalic Drum Days on Site: 365	**55**	55 Pressue Ambient Temperature Ambient	0 Waste Code	- Acute Health - Chronic health				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP** 14800 W SCHULTE RD, TRACY 95377	**EAST OF COOLING TOWER**	Facility ID **FA0004471** Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Oxidizing, Class 2, Other Health Hazard	**SODIUM HYPOCHLORITE, 12.5%** CAS No 7681-52-9 Map: 2 Grid: F5	**Gallons** State Liquid Type Pure	**1000** Storage Container Aboveground Tank Days on Site: 365	**1050**	700 Pressue Ambient Temperature Ambient	Waste Code	- Acute Health - Chronic health				
	CHEMTREAT CL-4802 CAS No	**Gallons** State Liquid Type	**1100** Storage Container Plastic/Non-metalic Drum, Tote Bin Days on Site: 365	**400**	500 Pressue Ambient Temperature Ambient	Waste Code	- Acute Health - Chronic health	PHOSPHORIC ACID ZINC CHLORIDE HYDROXYETHYLIDENE, 1-1-DIPHOSPHONIC ACID POLYMER BLEND W/ QUADRASPERSE	5 % 1 % 1 %		7664-38-2 7646-85-7

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP** 14800 W SCHULTE RD, TRACY 95377	**EAST OF COOLING TOWER AND/OR BETWEEN WELL PUMPS**	Facility ID **FA0004471** Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	TOLYTRIAZOLE, BENZOTRIAZOLE CAS No 64665 57 2, 152 Map: 2 Grid: F-5,H-5	**Gallons** State Liquid Type Mixture	**360** Storage Container Tote Bin Days on Site: 365	**400**	200 Pressue Ambient Temperature Ambient	Waste Code	- Acute Health	Tolytriazole, sodium salt / 5-10% Benzotriazole / 15-40%	5 %		64665-57-2 15217-42-2

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**EAST OF DOMESTIC WATER TANK - COOLING TOWER**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	CHEMTREAT CL-2212	**Pounds**	**260**	**105**	120		- Acute Health - Chronic health	GLUTARALDEHYDE METHANOL	50 %		111-30-8 67-56-1
	CAS No	State: Liquid	Storage Container: Plastic/Non-metalic Drum, Tote Bin		Pressue: Ambient	Waste Code					
		Type:	Days on Site: 365		Temperature: Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**EAST OF LABORATORY**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic, Water Reactive, Class 1	**CHEMTREAT BL1302** CAS No 1310-73-2	**Gallons** State Liquid Type Pure	**15** Storage Container Plastic/Non-metalic Drum, Tote Bin Days on Site: 365	**5**	15 Pressue Ambient Temperature Ambient	Waste Code	- Reactive - Acute Health				
	INDUSTRIAL WATER TREATMENT LIQUID CAS No	**Gallons** State Liquid Type	**800** Storage Container Tote Bin Days on Site: 365	**400**	600 Pressue Ambient Temperature Ambient	Waste Code	- Acute Health	PHOSPHONO-1,2,4-BUTANE TRICARBOXYLIC ACID	7 %		37971-36-1

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP** 14800 W SCHULTE RD, TRACY 95377	**EAST WALL OF OPERATIONS & MAINTENANCE BUILDING**	Facility ID **FA0004471** Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 2.1 - Flammable Gases Flammable Gas	**ODORIZED COMMERCIAL PROPANE, LIQUIFIED PETROLEUM GAS** CAS No 74-98-6	**Gallons** State Liquid Type Pure	**26.3** Storage Container Cylinder Days on Site: 365	**26.3**	26.3 Pressue Ambient Temperature Ambient	Waste Code	- Fire - Pressure Release	ETHYL MERCAPTAN			75-08-01

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location		CERS ID	**10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**ELECTRICAL SUBSTATION**		Facility ID	**FA0004471**
	14800 W SCHULTE RD, TRACY 95377			Status	**Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	OIL, TRANSFORMER INSULATING	**Gallons**	**5000**	**3600**	5000		- Fire - Reactive - Acute Health - Chronic health				
	CAS No	State: Liquid	Storage Container: Other		Pressue: Ambient	Waste Code					
	Map: 2 Grid: G1,G2	Type	Days on Site: 365		Temperature: Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**ESP TRANSFORMERS**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	OIL, TRANSFORMER INSULATING	**Gallons**	**220**	**55**	220		- Fire				
	CAS No	State: Liquid	Storage Container: Aboveground Tank, Steel Drum		Pressue: Ambient	Waste Code					
		Type	Days on Site: 365		Temperature: Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**EVAPORATOR AND/OR WAREHOUSE**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	EDTA, CHEMTREAT BL100 CAS No 64-02-8 Map: 2 Grid: G-3	**Gallons** State Liquid Type Mixture	**220** Storage Container Plastic/Non-metalic Drum Days on Site: 180	**55**	220 Pressue Ambient Temperature Ambient	Waste Code	- Acute Health	EDTA, TETRASODIUM SALT SODIUM HYDROXIDE NITROLOTRIACETIC ACID, TRISODIUM SALT 0.1-1%	45 % 1 % 1 %		64-02-8 1310-73-2 5064-31-3
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Water Reactive, Class 2, Toxic, Oxidizing, Class 1	**CHEMTREAT CL561** CAS No ✔EHS 7664-93-9 Map: 2 Grid: F-2,G-3	**Pounds** State Liquid Type Pure	**633** Storage Container Plastic/Non-metalic Drum Days on Site: 365	**316**	633 Pressue Ambient Temperature Ambient	Waste Code	- Reactive - Acute Health - Chronic health	SULFURIC ACID	35 %	✔	7664-93-9

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**Evaporator Area, Storage Trailers**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 9 - Misc. Hazardous Materials Irritant	**Gypsum; Terra Alba** CAS No 10101-41-4	**Pounds** State Solid Type Pure	**3000** Storage Container Bag Days on Site: 365	**50**	1500 Pressue Ambient Temperature Ambient	Waste Code	- Acute Health				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **THERMAL ENERGY DEVELOP PSHIP**
Facility Name **THERMAL ENERGY DEVELOP PSHIP**
14800 W SCHULTE RD, TRACY 95377

Chemical Location
EVAPORATOR SKID AND/OR BETWEEN WELL PUMPS

CERS ID **10181629**
Facility ID **FA0004471**
Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	ACRYLIC ACID, TELOMER WITH SODIUM 2-ACRYLAMIDO-2METHYL-1-PROPAN CAS No 110224-99-2 Map: 2 Grid: E2	**Gallons** State Liquid Type	**120** Storage Container Tote Bin Days on Site: 365	**105**	50 Pressue Ambient Temperature Ambient	Waste Code		ACRYLIC ACID, TELOMER WITH SODIUM 2-ACRYLAMIDO-2METHYL-1-PROPANESOLFONATE AND SODIUM PHOSPHINATE	30 %		110224-99-2

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**FIRE PUMP BUILDING**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	**DIESEL FUEL #2** CAS No 68476-34-6	**Gallons** State Liquid Type Pure	**300** Storage Container Aboveground Tank Days on Site: 365	**300**	250 Pressue Ambient Temperature Ambient	Waste Code	- Fire - Acute Health				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**Fueling station**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B, Other Health Hazard, Irritant	**Gasoline** CAS No 86290-81-5	**Gallons** State Liquid Type Pure	**100** Storage Container Other Days on Site: 365	**100**	100 Pressue Ambient Temperature Ambient	0 Waste Code	- Fire - Chronic health				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**FUELING STATION - DIESEL STORAGE TANK**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	**DIESEL FUEL #2** CAS No 68476-34-6 Map: 2 Grid: F7	**Gallons** State Liquid Type Pure	**4000** Storage Container Aboveground Tank Days on Site: 365	**4000**	3000 Pressue Ambient Temperature Ambient	Waste Code	- Fire - Acute Health				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**FUELING STATION, PORTABLE DIESEL TANK**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	**DIESEL FUEL #2** CAS No 68476-34-6	**Gallons** State Liquid Type Pure	**100** Storage Container Aboveground Tank, Other Days on Site: 365	**100**	80 Pressue Ambient Temperature Ambient	Waste Code	- Fire - Acute Health				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location		CERS ID	**10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**MAINT SHOP, GAS CYLINDER STORAGE AREA**		Facility ID	**FA0004471**
	14800 W SCHULTE RD, TRACY 95377			Status	**Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 2.1 - Flammable Gases Unstable (Reactive), Class 2, Flammable Gas	**ACETYLENE** CAS No 74-86-2	**Cu. Feet** State Gas Type Pure	**4056** Storage Container Cylinder Days on Site: 365	**338**	2028 Pressue > Ambient Temperature Ambient	Waste Code	- Fire - Reactive - Pressure Release - Acute Health				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP** 14800 W SCHULTE RD, TRACY 95377	**MAINT. SHOP, GAS CYLINDER STORAGE AREA**	Facility ID **FA0004471** Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases Cryogen, Other	**ARGON** CAS No 7440-37-1	**Cu. Feet** State Gas Type Pure	**1625** Storage Container Cylinder Days on Site: 365	**325**	1075 Pressue > Ambient Temperature Ambient	Waste Code	- Pressure Release - Acute Health				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**maintenance shop - cylinder storage area**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	**Nitrogen** CAS No 7727-37-9	**Cu. Feet** State Gas Type Pure	**1125** Storage Container Cylinder Days on Site: 365	**375**	375 Pressue > Ambient Temperature Ambient	0 Waste Code	- Fire - Reactive - Pressure Release - Acute Health - Chronic health				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP** 14800 W SCHULTE RD, TRACY 95377	**MAINTENANCE SHOP, GAS CYLINDER STORAGE AREA**	Facility ID **FA0004471** Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 6.1 - Toxic Substances Highly Toxic, Corrosive, Other Health Hazard	**OXYGEN** CAS No 7782447	**Cu. Feet** State Gas Type Pure	**6000** Storage Container Cylinder Days on Site: 365	**151**	2000 Pressue > Ambient Temperature Ambient	Waste Code	- Pressure Release - Acute Health				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**Maintenance shop/ storage area**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	Argon, mixed with oxygen	**Cu. Feet**	**1675**	**335**	1675	0		Argon	98 %		70355-98-5
	CAS No	State	Storage Container		Pressue	Waste Code		Oxygen	2 %		
	70355-98-5	Gas	Cylinder		> Ambient						
		Type			Temperature						
		Pure	Days on Site: 365		Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP** 14800 W SCHULTE RD, TRACY 95377	**maintenance shop/cylinder storage**	Facility ID **FA0004471** Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	**Nitrogen** CAS No 7727-37-9	**Cu. Feet** State Gas Type Pure	**1300** Storage Container Cylinder	**325**	1300 Pressue Temperature	0 Waste Code	- Fire - Reactive - Pressure Release - Acute Health - Chronic health				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**NORTHWEST OF BOILER**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
Irritant, Other Health Hazard	**BAKING SODA** CAS No 144-55-8	**Pounds** State Solid Type Pure	**76000** Storage Container Aboveground Tank, Bag Days on Site: 365	**71100**	39000 Pressue Ambient Temperature Ambient	Waste Code	- Reactive - Acute Health - Chronic health				
	HYDRATED LIME CAS No 68308-25-8	**Pounds** State Solid Type	**32000** Storage Container Aboveground Tank, Bag Days on Site: 365	**20000**	20000 Pressue Ambient Temperature Ambient	Waste Code	- Acute Health	CALCIUM HYDROXIDE MAGNESIUM HYDROXIDE CALCIUM CARBONATE MAGNESIUM OXIDE SILICON DIOXIDE	90 % 5 % 3 % 5 % 2 %		1305-62-0 1309-42-8

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**O&M BUILDING - LEAD ACID BATTERIES**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	**LEAD ACID BATTERIES** CAS No ✔EHS 7664-93-9; 7439	**Pounds** State Liquid Type Mixture	**2157** Storage Container Aboveground Tank, Other Days on Site: 365	**141**	2157 Pressue Ambient Temperature Ambient	Waste Code 792	- Acute Health - Chronic health	H2SO4 Lead (Pb)	23 % 70 %	✔	7664-93-9 7439-92-1

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location		CERS ID	**10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**service station**		Facility ID	**FA0004471**
	14800 W SCHULTE RD, TRACY 95377			Status	**Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	OIL, LUBRICATING	**Gallons**	**220**	**55**	165		- Fire - Acute Health				
	CAS No	State Liquid	Storage Container Steel Drum		Pressue Ambient	Waste Code					
		Type	Days on Site: 365		Temperature Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	THERMAL ENERGY DEVELOP PSHIP	Chemical Location	CERS ID 10181629
Facility Name	THERMAL ENERGY DEVELOP PSHIP	SERVICE STATION	Facility ID FA0004471
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	GREASE, LUBE	**Gallons**	**60**	**30**	45		- Fire - Acute Health				
	CAS No	State: Liquid	Storage Container: Steel Drum		Pressure: Ambient	Waste Code					
		Type	Days on Site: 365		Temperature: Ambient						
	OIL, TRANSMISSION	**Gallons**	**55**	**55**	50		- Reactive - Pressure Release				
	CAS No	State: Liquid	Storage Container: Aboveground Tank, Steel Drum		Pressure: Ambient	Waste Code					
	Map: 2 Grid: F4	Type	Days on Site: 365		Temperature: Ambient						
	OIL, WASTE	**Gallons**	**200**	**55**	100	400	- Fire - Acute Health				
	CAS No	State: Liquid	Storage Container: Aboveground Tank, Steel Drum		Pressure: Ambient	Waste Code: 221					
		Type	Days on Site: 365		Temperature: Ambient						
	OIL, MOTOR	**Gallons**	**100**	**100**	55						
	CAS No	State: Liquid	Storage Container: Aboveground Tank, Steel Drum		Pressure: Ambient	Waste Code					
		Type	Days on Site: 365		Temperature: Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP** 14800 W SCHULTE RD, TRACY 95377	**SULFURIC ACID STORAGE TANKS - COOLING TOWER - EVAPORATOR**	Facility ID **FA0004471** Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Quantities Largest Cont.	Quantities Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Water Reactive, Class 2, Toxic, Oxidizing, Class 1	**SULFURIC ACID, 93%** CAS No 7664-93-9 ✔EHS Map: 2 Grid: E2,E5	**Pounds** State: Liquid Type: Pure	**28500** Storage Container: Aboveground Tank, Tote Bin Days on Site: 365	**23174**	21000 Pressue: Ambient Temperature: Ambient	Waste Code	- Reactive - Acute Health	H2SO4	93 %	✔	7664-93-9

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**TRUCK DUMPERS, SERVICE STATION**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	OIL HYDRAULIC	**Gallons**	**650**	**220**	450		- Fire - Reactive - Acute Health				
	CAS No	State: Liquid	Storage Container: Aboveground Tank, Steel Drum		Pressue: Ambient	Waste Code					
		Type	Days on Site: 365		Temperature: Ambient						
	OIL HYDRAULIC	**Gallons**	**650**	**220**	450		- Fire - Reactive - Acute Health				
	CAS No	State: Liquid	Storage Container: Aboveground Tank, Steel Drum		Pressue: Ambient	Waste Code					
		Type	Days on Site: 365		Temperature: Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**TURBINE LUBE OIL RESERVOIR**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

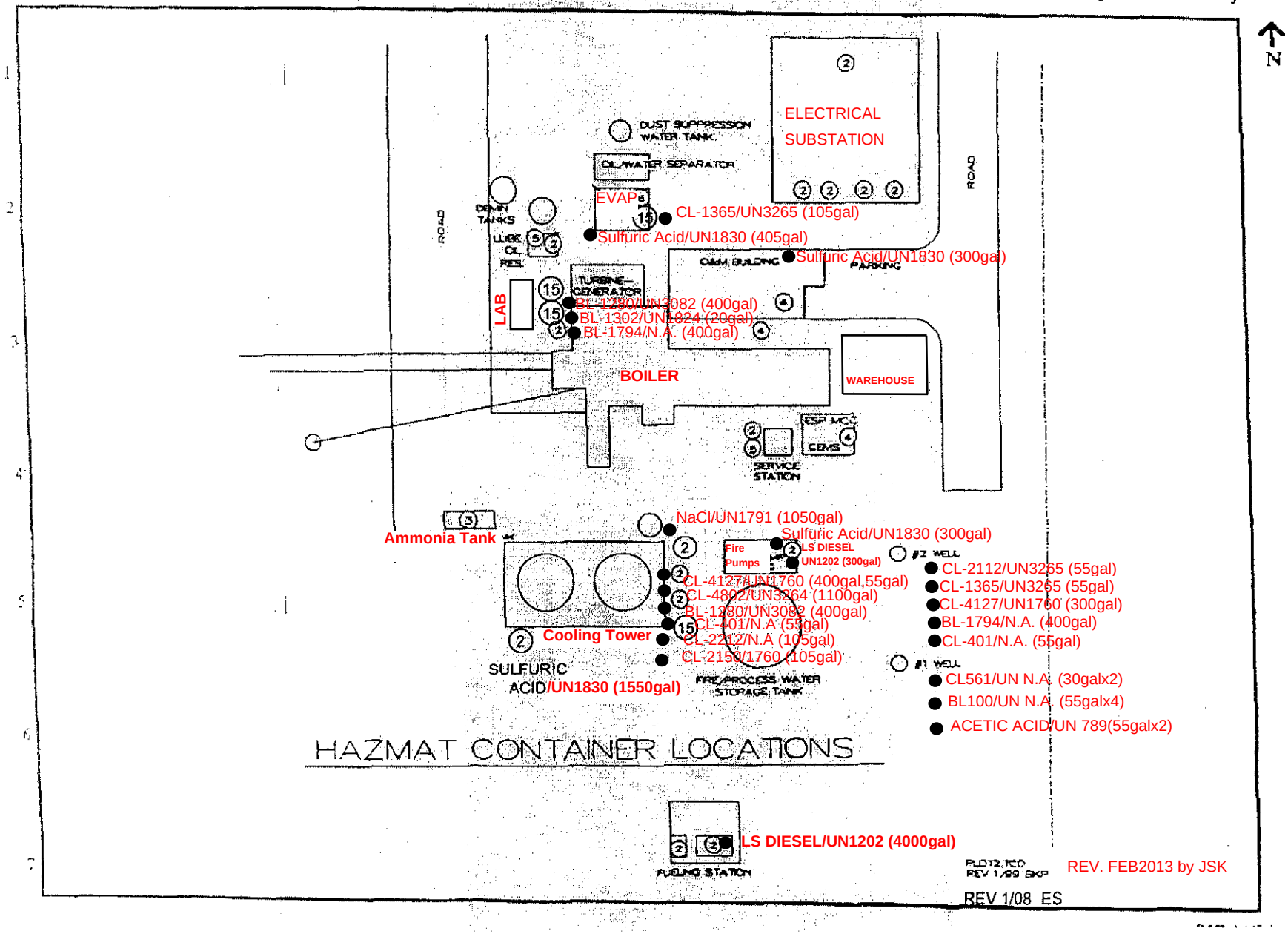
DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	OIL, LUBRICATING	**Gallons**	**1500**	**1500**	1300		- Fire - Acute Health				
	CAS No	State Liquid	Storage Container Aboveground Tank, Steel Drum		Pressue Ambient	Waste Code					
		Type	Days on Site: 365		Temperature Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

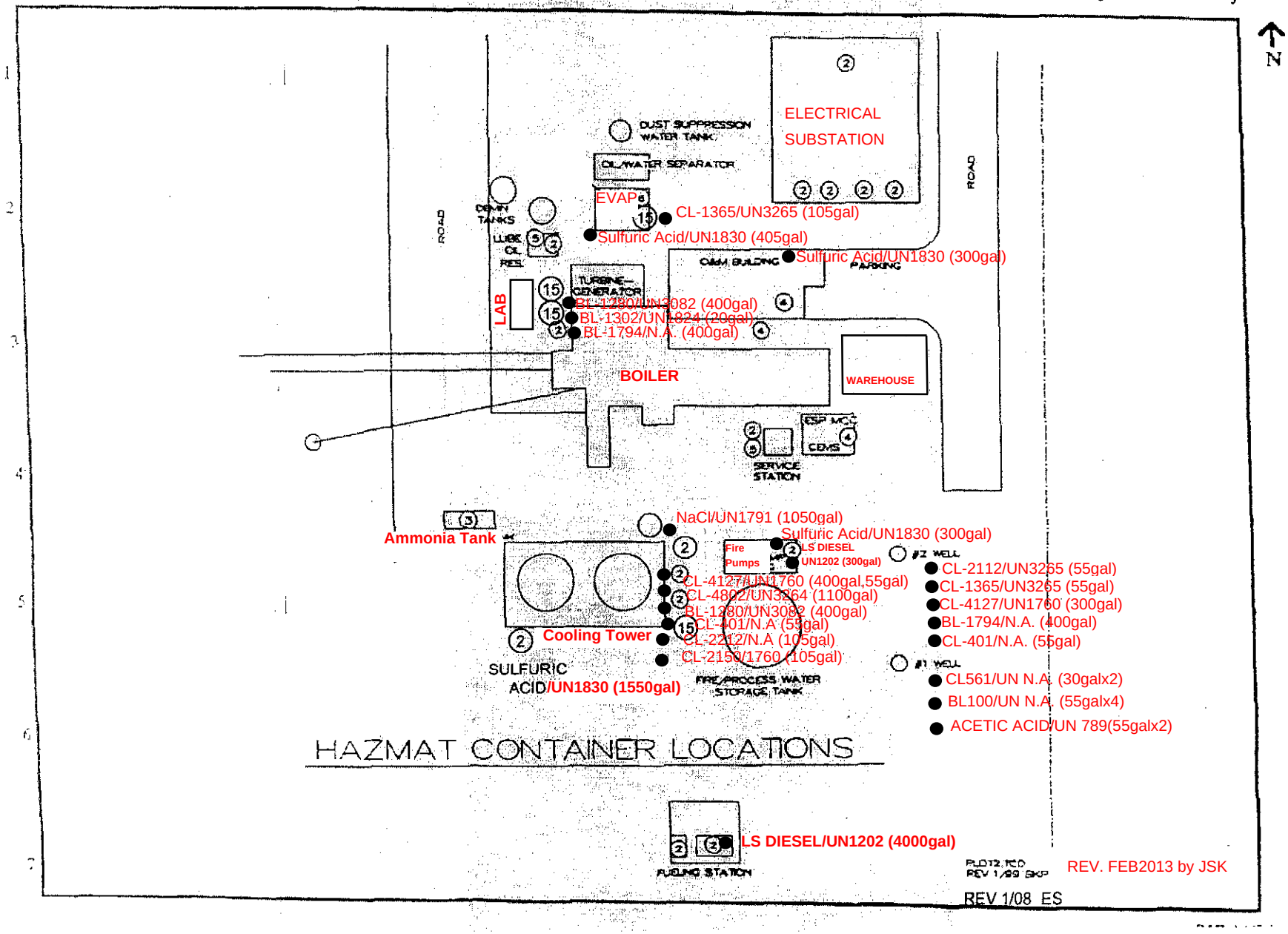
CERS Business/Org.	**THERMAL ENERGY DEVELOP PSHIP**	Chemical Location	CERS ID **10181629**
Facility Name	**THERMAL ENERGY DEVELOP PSHIP**	**warehouse**	Facility ID **FA0004471**
	14800 W SCHULTE RD, TRACY 95377		Status **Submitted** on 3/7/2014 10:07 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
Irritant	**Alumina** CAS No 1344-28-1	**Pounds** State Liquid Type Pure	**200** Storage Container Bag Days on Site: 365	**50**	200 Pressue Ambient Temperature Ambient	0 Waste Code	- Fire - Reactive - Pressure Release - Acute Health - Chronic health				
	Gypsum CAS No 13397-24-5	**Pounds** State Solid Type Pure	**3000** Storage Container Bag Days on Site: 365	**50**	3000 Pressue Ambient Temperature Ambient	0 Waste Code					

Map #2	Map Name: Plant Area Hazmat Locations	Business Name: Thermal Energy Development Partnership, L.P.	SCALE: 1" = 8 feet



Map #2	Map Name: Plant Area Hazmat Locations	Business Name: Thermal Energy Development Partnership, L.P.	SCALE: 1" = 8 feet



Notices of Violations

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING™

RECEIVED
SEP 07 2011
By

September 2, 2011

Greg Myers / Plant Manager
Thermal Energy Development Partnership LP
14800 W. Schulte Rd.
Tracy, CA 95377-8795

CERTIFIED MAIL

RE: Notice of Violation #5007464

Dear Mr. Myers,

On 8/30/11, staff of the San Joaquin Valley Air Pollution Control District (District) conducted an inspection at TEDP in Tracy, CA. During the inspection it was discovered that your facility has been receiving and burning chemically treated wood products and non-wood products.

Using chemically treated wood products and non-wood products as fuel is a violation of District Rule 2070 (Operating per Permit Conditions). As a result of these actions you are being issued Notice of Violation (NOV) # 5007464.

Should you have any questions please contact Bonnie East or myself at (209) 557-6400.

Sincerely,

for

Thomas Busenbark
Supervising Air Quality Inspector

Printed on recycled paper.

SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

☒ Northern Region Office
4800 Enterprise Way
Modesto, CA 95356-8718
(209) 557-6400

☐ Central Region Office
1990 E Gettysburg Ave
Fresno, CA 93726-0244
(559) 230-5950

☐ Southern Region Office
34946 Flyover Court
Bakersfield, CA 93308
(661) 392-5500

NOTICE OF VIOLATION NO. 5007464

ISSUED TO:

NAME: Thermal Energy Dev Partnership Lp
ADDRESS: 14800 W Schulte Rd
CITY: Tracy **STATE:** CA
PHONE: (209) 879-6921

PERMIT/FACILITY: N-1026
PERMITS: 1-10
ZIP: 95377-8795

OCCURRENCE LOCATION:

NAME: Thermal Energy Dev Partnership Lp
ADDRESS: 14800 W Schulte Rd ☐ Same as Above
CITY: Tracy **STATE:** CA **ZIP:** 95377-8795
DATE: August 30, 2011 **TIME:** 12:00 am

THIS NOTICE HAS BEEN ISSUED AS A RESULT OF A VIOLATION OF:

☒ San Joaquin Valley Unified Air Pollution Control District Rules and Regulation ☐ California Health and Safety Code

Rule(s)/Section(s): 2070 - Standards for Granting Applications

Equipment Type (If Applicable): Biomass-Fired Boiler

Description: Having chemically treated wood products including painted or oil stained material being used as fuel .

RECIPIENT NAME: Greg Myers **TITLE:** Plant Manager

SIGNING THIS NOTICE IS NOT AN ADMISSION OF GUILT x _____
SIGNATURE

RETURN A COPY OF THIS NOTICE WITH A WRITTEN DESCRIPTION OF THE IMMEDIATE CORRECTIVE ACTION YOU HAVE TAKEN TO PREVENT A CONTINUED OR RECURRENT VIOLATION.

THIS VIOLATION IS SUBJECT TO SUBSTANTIAL PENALTY.
YOUR RESPONSE DOES NOT PRECLUDE FURTHER LEGAL ACTION.

ISSUED BY: Bonnie East
DATE: Fri September 02, 2011 TIME: 11:03 am ☒ MAILED

Continued

INSTRUCTIONS

THIS VIOLATION IS SUBJECT TO SUBSTANTIAL PENALTY, AND YOUR RESPONSE DOES NOT PRECLUDE FURTHER LEGAL ACTION.

A VARIANCE SHOULD BE SOUGHT IF IT IS NECESSARY TO CONTINUE TO OPERATE IN VIOLATION OF DISTRICT REGULATIONS. A VARIANCE CANNOT BE GRANTED FOR OPERATING WITHOUT A PERMIT OR FOR ACTIVITIES WHICH CREATE A NUISANCE.

FOR FURTHER INFORMATION ON ELIGIBILITY FOR, OR THE FILING OF A VARIANCE PETITION, CALL THE COMPLIANCE DIVISION AT THE INDICATED REGIONAL OFFICE.

OPERATION WITHOUT A PERMIT

A permit application must be submitted immediately to the District's Permit Services Division. The permit application must reference the Notice of Violation number: 5007464.

If there are any questions regarding the submission of a permit application, contact the Permit Services Division at the indicated Regional office.

All OTHER VIOLATIONS

Within 10 days, return a copy of this notice with a written description of the corrective action you have taken to prevent continued or recurrent violation. Immediate corrective action must be taken to stop the violation.

If you have any questions or require additional information, contact the Compliance Division at the indicated Regional Office for assistance.

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING™

February 13, 2012

Thermal Energy Dev Partnership Lp
Stephen Mullennix,
14800 W Schulte Rd
Tracy, CA 95377-8795

RECEIVED
FEB 15 2012
By

RE: NOTICE OF VIOLATION: 5008979
LOCATION: 14800 W Schulte Rd, Tracy, CA 95377-8795

Dear Stephen:

On December 9, 2011 staff from the San Joaquin Valley Air Pollution Control District (SJVAPCD) reviewed source test results and noted : from permit 10-1: Condition 16: The ammonia emissions shall not exceed 100 ppm, by volume, at 3% O2. [District NSR Rule] Y -- Failed source test on 10-11-11, actual emissions from the source test were 145.0 ppm @ 3% O2 -- for NH3

Enclosed is a copy of Notice of Violation #5008979 issued to you for failing to comply with the following:

SJVUAPCD Rule 2070 - Standards for Granting Applications

If you have any questions or require additional information, contact Scott Van Dyken of the Northern region Compliance Enforcement Department at (209) 557-6400.

Sincerely,

Thomas Busenbark
Supervising Air Quality Inspector

Enclosed: Notice of Violation #5008979
Certified Mail #7008 1140 0002 3862

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING™

February 13, 2012

Mark Lucas
Thermal Energy Dev Partnership Lp
14800 W. Schulte
Tracy, CA 95377

RE: DETERMINATION OF COMPLIANCE EMISSION TESTING

Dear Mr. Lucas,

District staff have received the test report submitted for the permitted equipment listed below for compliance determination with permitted emission limits. Review of the test result(s) reveal the equipment to be **operating in full compliance** with permitted emission limits.

If the permitted equipment has annual source testing requirements, then the next required test must be conducted within thirty days (+/- 30) of the next test date as shown below. If an ATC has been issued for modifications to the permitted equipment then the testing requirements must follow the ATC.

Permit Number	Unit ID	Test Date	Next Test Date
N-1026-1-10	Bio-Mass Fired Boiler	10/27/2011	10-15-12

If the equipment is under dormant status, you must contact the District before restarting unit. If you have any questions please call this office at (209) 557-6400.

Sincerely,

Thomas J Busenbark
Supervising Air Quality Inspector

Scott A Van Dyken
Air Quality Inspector

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING™

February 13, 2012
Mark Lucas
Thermal Energy Dev Partnership Lp
14800 W. Schulte
Tracy, CA 95377

RE: FAILURE TO SHOW COMPLIANCE WITHIN EMISSION LIMITS

District staff has received the test report submitted for the permitted equipment listed below for compliance determination with permitted emission limits. Review of the 10/11/2011 test result(s) reveal the equipment to be operating **above** the permitted emission limits.

Permit Number	Unit ID	Actual Emissions	Emission Limit	Pollutant / Units	Exceeded Limits
N-1026-1-10	Default	1350.8	1545.6	CO / lbs/day	
N-1026-1-10	Default	56.38	74.4	CO / lbs/hr	
N-1026-1-10	Default	145.0	100.0	NH3 / ppmvd	*
N-1026-1-10	Default	21.13	27.2	NOx / lbs/hr	
N-1026-1-10	Default	7.8	8.75	PM / lbs/hr	
N-1026-1-10	Default	0.0161	0.1	PM10 / gr/dscf	
N-1026-1-10	Default	1.73	6.25	SOx / lbs/hr	
N-1026-1-10	Default	0.054	12.8	VOC / lbs/hr	

The above listed equipment is operating out of compliance with permit conditions and/or District Rules. Corrective action must be taken immediately.

As you have been identified as the responsible person, enclosed, you will find Notice of Violation . You will receive further correspondence from the District regarding settlement of this violation. The District is aware that you have since re-tested and passed.

Should you have questions or require further information about this notice, you are encouraged to contact Scott A Van Dyken at the District's Modesto Office. You may contact this office by telephone at (209) 557-6400. Office hours are from 7:30 a.m. to 5:30 p.m., Monday through Thursday and 8:00 a.m. to 5:00 p.m. on alternate Fridays.

Sincerely, Thom J Busenbark

Thomas J Busenbark
Supervising Air Quality Inspector
CERTIFIED MAIL: 7008 1140 0002 3862 3120

INSTRUCTIONS

THIS VIOLATION IS SUBJECT TO SUBSTANTIAL PENALTY, AND YOUR RESPONSE DOES NOT PRECLUDE FURTHER LEGAL ACTION.

A VARIANCE SHOULD BE SOUGHT IF IT IS NECESSARY TO CONTINUE TO OPERATE IN VIOLATION OF DISTRICT REGULATIONS. A VARIANCE CANNOT BE GRANTED FOR OPERATING WITHOUT A PERMIT OR FOR ACTIVITIES WHICH CREATE A NUISANCE.

FOR FURTHER INFORMATION ON ELIGIBILITY FOR, OR THE FILING OF A VARIANCE PETITION, CALL THE COMPLIANCE DIVISION AT THE INDICATED REGIONAL OFFICE.

OPERATION WITHOUT A PERMIT

A permit application must be submitted immediately to the District's Permit Services Division. The permit application must reference the Notice of Violation number: 5008979.

If there are any questions regarding the submission of a permit application, contact the Permit Services Division at the indicated Regional office.

All OTHER VIOLATIONS

Within 10 days, return a copy of this notice with a written description of the corrective action you have taken to prevent continued or recurrent violation. Immediate corrective action must be taken to stop the violation.

If you have any questions or require additional information, contact the Compliance Division at the indicated Regional Office for assistance.

SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

☒ Northern Region Office
4800 Enterprise Way
Modesto, CA 95356-8718
(209) 557-6400

☐ Central Region Office
1990 E Gettysburg Ave
Fresno, CA 93726-0244
(559) 230-5950

☐ Southern Region Office
34946 Flyover Court
Bakersfield, CA 93308
(661) 392-5500

NOTICE OF VIOLATION NO. 5008979

ISSUED TO:

NAME: Thermal Energy Dev Partnership Lp
ADDRESS: 14800 W Schulte Rd
CITY: Tracy **STATE:** CA **ZIP:** 95377-8795
PHONE: (310) 449-8683

PERMIT/FACILITY: N-1026
PERMITS: 1-10

OCCURRENCE LOCATION:

NAME: Thermal Energy Dev Partnership Lp
ADDRESS: 14800 W Schulte Rd ☐ Same as Above
CITY: Tracy **STATE:** CA **ZIP:** 95377-8795
DATE: October 11, 2011 **TIME:** 12:00 pm

THIS NOTICE HAS BEEN ISSUED AS A RESULT OF A VIOLATION OF:

☒ San Joaquin Valley Unified Air Pollution Control District Rules and Regulation ☐ California Health and Safety Code

Rule(s)/Section(s): 2070 - Standards for Granting Applications

Equipment Type (If Applicable): Bio-mass boiler

Description: Condition 16: The ammonia emissions shall not exceed 100 ppm, by volume, at 3% O2. [District NSR Rule] Y -- Failed source test, actual emissions from the source test were 145.0 ppm @ 3% O2 -- for NH3

RECIPIENT NAME: ~~Stephen Mullennix~~ Greg Myers **TITLE:** Plant Manager

SIGNING THIS NOTICE IS NOT AN ADMISSION OF GUILT X _____ **SIGNATURE**

RETURN A COPY OF THIS NOTICE WITH A WRITTEN DESCRIPTION OF THE IMMEDIATE CORRECTIVE ACTION YOU HAVE TAKEN TO PREVENT A CONTINUED OR RECURRENT VIOLATION.

THIS VIOLATION IS SUBJECT TO SUBSTANTIAL PENALTY.
YOUR RESPONSE DOES NOT PRECLUDE FURTHER LEGAL ACTION.

ISSUED BY: Scott Van Dyken
DATE: Mon February 13, 2012 TIME: 11:30 am ☐ MAILED

Continued

SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

☒ Northern Regional Office
4800 Enterprise Way
Modesto, CA 95356
(209) 557-6400

☐ Central Regional Office
1990 East Gettysburg Avenue
Fresno, CA 93726
(559) 230-5950

☐ Southern Regional Office
34946 Flyover Court
Bakersfield, CA 93308
(661) 392-5500

NOTICE OF VIOLATION

NO. 42875

ISSUED TO:

NAME: Thermal Energy Dev. Partnership **PERMIT NO.** N-1026-8-8
ADDRESS: 14800 W. Schulte Rd.
CITY: Tracy **STATE:** CA **ZIP:** 95377
PHONE: 209-835-6914

OCCURRENCE LOCATION:

NAME:
ADDRESS: ☐ Same as Above
CITY: **STATE:** **ZIP:**
DATE: 01-31-11 **TIME:** 12

THIS NOTICE HAS BEEN ISSUED AS A RESULT OF A VIOLATION OF:

☒ San Joaquin Valley Unified Air Pollution Control District Rules and Regulations ☐ California Health and Safety Code

Rule(s) / Section(s): 2070

Equipment Type (If Applicable):

Description: Failure to maintain weekly inspection records of the truck tipper's wet dust suppression system for the week of: 1-31-11, 5-02-11, 5-09-11, 7-04-11, 9-19-11, 10-03-11, 10-31-11, 11-28-11, 12-26-11.

RECIPIENT NAME: JOGINDER S. KHALSA **TITLE:** PLANT ENGINEER

SIGNING THIS NOTICE IS NOT AN ADMISSION OF GUILT X Joginder S. Khalsa

SIGNATURE

RETURN A COPY OF THIS NOTICE WITH A WRITTEN DESCRIPTION OF THE IMMEDIATE CORRECTIVE ACTION YOU HAVE TAKEN TO PREVENT A CONTINUED OR RECURRENT VIOLATION.

THIS VIOLATION IS SUBJECT TO SUBSTANTIAL PENALTIES. YOUR RESPONSE DOES NOT PRECLUDE FURTHER LEGAL ACTION.

ISSUED BY: Yousif Zaria
DATE: 5-09-12 **TIME:** 1125 ☐ **MAILED**

EPA ID Number Verification Form

Department of Toxic Substances Control (DTSC)
PO Box 1288, Sacramento, CA 95812-1288

(Toll-Free) 1-877-454-4012
(916) 255-4439

2013 EPA ID NUMBER VERIFICATION QUESTIONNAIRE

RETURN WITHIN 30 DAYS TO AVOID SUSPENSION OF YOUR EPA ID NUMBER

Make changes to the pre-printed information on the lines provided. Please review the instructions on the back.

Please type or print clearly and use only standard abbreviations.

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLANT)
14800 W SCHULTE RD
TRACY, CA 95377-8795

Mailing Address: If no change, leave blank.

Address: _____

City/State/Zip: _____

DO NOT WRITE IN THIS BOX. If the information in this box is incorrect, call 1-877-454-4012.

1. **EPA ID NUMBER: CAL000316973**
2. **LOCATION ADDRESS: 14800 W SCHULTE RD**
   TRACY, CA 95377-0000

n

If your business has moved, a new EPA ID Number is required. See instructions on back.

3. **FEDERAL EMPLOYER ID NUMBER (FEIN) REQUIRED:** 63-0967265 (Also called a Federal Tax ID.)
   If you do not have a Federal Employer Identification Number, please provide your Social Security Number.
4. **BOARD OF EQUALIZATION (BOE) Hazardous Waste Generator Fee Account Number:** _____ (HG EF 36-xxxxxx)
   Required ONLY if generating 5 or more tons of hazardous waste per year.
5. **COMPANY OWNER INFO: IMPORTANT** – If you are a new owner and this is a California EPA ID Number (CAL and some CAD prefixes) that belonged to the previous owner, do not enter new information on this form. Check Box 6 to cancel this ID Number. See instructions on the back to apply for your new EPA ID Number if you have not already done so.

THERMAL ENERGY DEVELOPMENT PARTNERS
2425 OLYMPIC BLVD STE 6040W
SANTA MONICA, CA 90404-0000
(315) 448-2266
(315) 448-0264

Company Owner Info Change: If no change, please leave blank.

Owner or Corp. Name: THERMAL ENERGY DEVELOPMENT PARTNERS

☐ Business Name Change Only (No Ownership Change)

☐ **Ownership Change*** **Date of Ownership Change*:** _____

Address: 14800 W. SCHULTE ROAD

City/State/Zip: TRACY, CA 95377

Telephone: 209.835.6914 Fax: 209 835.6918

*** Federal EPA ID Numbers Only. California EPA ID Numbers are not transferable.**

6. ☐ **CHECK TO CANCEL THE EPA ID NUMBER SHOWN ON LINE 1. ID NUMBER WILL BE CANCELED EFFECTIVE 6/30/2013.**
   If you checked this box in prior year(s) **and did not manifest in 2012**, please contact our office. (See back for more info.)

7. **COMPANY NAME:**
   THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLANT)

   If no change, leave blank. _____

8. **CONTACT INFO:**
   JOGINDER S. KHALSA/PLANT ENGR
   14800 W SCHULTE RD
   TRACY, CA 95377-0000
   (209) 835-6914
   (209) 835-6918
   JKHALSA@USRG-TRACY.COM

   If no change, leave blank.

   Name/Title: RONALD P. SICHAU / PLANT MANAGER

   Address: 14800 W. SCHULTE ROAD

   City/State/Zip: TRACY, CA 95377

   Telephone: 209.879.6921 Fax: 209.835-6918

   Business Email Address: _____

9. **SIC CODE (4 digits):**
   4911

   If printed SIC Code is incorrect, please enter correct Code.
   ___ ___ ___ ___ See instructions on back for SIC Code information.

10. **I hereby certify under penalty of perjury that the information above and on the fee forms is true and correct.**

Name (please print): RONALD P. SICHAU **Title:** PLANT MANAGER

Signature: Ronald P. Sichau **Date:** 6/28/13

Department of Toxic Substances Control (DTSC)
P.O. Box 1288
Sacramento, CA 95812-1288

Questions? Go to Frequently Asked Questions at
www.dtsc.ca.gov/IDManifest/VQ_FAQ.cfm
1-877-454-4012 (Toll Free)
or 1-916-255-4439

SCHEDULE A – MANIFEST FEE CALCULATION SHEET

You must complete and submit this form within 30 days along with your Verification Questionnaire and Schedule B forms even if you do not owe fees.

Refer to instructions on back for more information.

EPA ID Number: **CAL000316973** Organization Name: THERMAL ENERGY DEVELOPMENT PARTNERS

Federal Employer Identification Number (FEIN) REQUIRED 63-0967265 (Also called a Federal Tax ID.)
If you do not have a FEIN, please provide your Social Security Number.

Manifest Counts for shipments from January 1, 2012 through December 31, 2012

DTSC recorded the number of manifests at the right for the EPA ID Number shown above.

Non-Recycled: 70

Recycled: 0

If you believe the manifest count above is incorrect, you may cross out the pre-printed number(s) and insert your revised number(s). Please note that any difference between the manifest counts you report and the manifest counts printed on Schedule A is subject to audit by DTSC.

a. Enter the number of **non-recycled** manifests from above. [70]

b. Enter the number of **non-recycled** manifests that list only hazardous waste derived from air compliance solvents. You will determine this number using your records. **DTSC *does not have this information for you.* *Refer to instructions on back for more information*.** [Ø] x $3.50 = $ Ø

c. Enter the total number of non-recycled manifests excluding those from Line b (Box a – Box b) x $7.50. [70] x $7.50 = $ 525 UP

d. No fee due for recycled manifests. (All waste listed on the manifest has a recycling code*.) $ 0.00

The manifest count in Boxes b and c should equal the count in Box a.

e. **Total Manifest Fee Due** ***(Add the $ Amounts in Lines b. and c.)*** = $ 525 UP

Please note that even if you do not owe fees, you are still required to complete and return **ALL** forms to DTSC.

*To qualify as recycled, all waste listed on the manifest must be recycled. The hazardous waste disposal facility adds a code for each waste listed to indicate if it was recycled at their facility. The recycling codes can be found in **Box 19** on the manifest and are **H010, H020, H039, H050, or H061**. In some cases, the initial receiving facility only transfers waste to a different facility that may recycle or otherwise handle the waste (H141).

Department of Toxic Substances Control (DTSC)
P.O. Box 1288
Sacramento, CA 95812-1288

1-877-454-4012 (Toll-Free) or 916-255-4439
www.dtsc.ca.gov

2013 SCHEDULE B

FEES SUMMARY SHEET *(Instructions on back)*

SECTION A - EPA ID NUMBER VERIFICATION FEE (July 1, 2012 - June 30, 2013)

1. Name of your organization: **(Required)** THERMAL ENERGY DEVELOPMENT PARTNERS
2. Federal Employer Identification Number (FEIN): **(Required)** 63-0967265 (Also called a Federal Tax ID.) If you do not have a Federal Employer ID Number, please provide your Social Security Number.
3. **Total** number of persons employed by your organization in California: 19 *(See back.)* For example, if your organization has two California facilities (site 1 has 48 employees and site 2 has 49 employees), the correct EPA ID Fee Rate would be $175 because the total number of California employees is 97. Even if only 1 location deals with hazardous waste, all employees at all California locations are counted.

Number of Employees	1 – 49	50 – 74	75 – 99	100 – 249	250 – 499	500 or more
EPA ID Fee Rate	NO FEE - $0	$150	$175	$200	$225	$250

(Total EPA ID Number Verification Fees not to exceed $5000)

4. Enter EPA ID Fee Rate based on total number of persons employed by your organization in California. $ Ø
5. Total number of **permanent** EPA ID Numbers held by your organization and active **at any time** during July 1, 2012 – June 30, 2013. Attach a Verification Questionnaire (page 1) and Schedule A for **each** permanent EPA ID Number in California. Exclude numbers beginning with "CAC" or "CAP". 1
6. Multiply the $ Amount in A.4. by the number in A.5. (Fee rate multiplied by number of EPA ID Numbers). $ Ø
7. **TOTAL EPA ID NUMBER VERIFICATION FEE DUE.** (Enter the dollar amount from Line A.6. above **OR** $5000, whichever amount is less.) $ Ø

SECTION B - MANIFEST FEE (January 1, 2012 - December 31, 2012)

1. Enter the dollar amount on Line e. from your Schedule A – Manifest Fee Calculation Sheet. If you are reporting more than one EPA ID Number, enter the **TOTAL** of the dollar amounts in Line e. from **all** of your Schedule A - Manifest Fee Calculation Sheets. $ 525.00
2. **Carefully read the instructions listed on the back in Section B.2. before completing this section.** If your business has **less than 100 employees**, the first four non-recycled manifests used in the 2012 calendar year are free. (Manifests listing only waste derived from air compliance solvents are excluded and cannot be claimed as free.) **List the manifest tracking number(s) of each of the non-recycled manifest(s) you are claiming as free. Do not call DTSC for manifest tracking numbers.** You must refer to your records; you are required to keep copies of your hazardous waste manifests for 3 years. If you do not have a copy of your manifest(s), contact your hazardous waste transporter to get a copy for your records.

   Enter up to four manifest tracking numbers **(required)**:

   (1) N/A (2) N/A (3) N/A (4) N/A

1 manifest = $7.50	2 manifests = $15.00	3 manifests = $22.50	4 manifests = $30.00

3. Enter $ amount based on number of manifests claimed from above. $ Ø
4. **MANIFEST FEE DUE FOR 2012 MANIFESTS** (Subtract $ in Line B.3. from Line B.1.) **B.1. – B.3. =** $ 525.00

SECTION C - GRAND TOTAL OF EPA ID NUMBER VERIFICATION FEES AND MANIFEST FEES

Add the $ amount in A.7. and the $ amount B.4. Enter the total. **TOTAL FEE DUE:** $ 525.00

Even if you do not owe fees, you must complete and submit the Verification Questionnaire, Schedule A, and Schedule B.

If paying by check, make check payable to DTSC & write one of your EPA ID Numbers on your check. If you are paying by credit card, use the enclosed credit card form.

I hereby certify under penalty of perjury that the information on Schedule A(s) and Schedule B is true and correct.

Signature of Preparer: Ronald P. Sichau **Title:** PLANT MANAGER

Name (please print): Ronald P. Sichau **Date:** 6/28/13 **Phone:** 209.879.6921

PLEASE RETURN THE ORIGINAL OF THE FOLLOWING DOCUMENTS WITHIN 30 DAYS

- ☐ **Signed and Dated** Verification Questionnaire (one Verification Questionnaire for **each** EPA ID Number)
- ☐ Schedule A – Manifest Fee Calculation Sheet (one Schedule A for **each** EPA ID Number)
- ☐ **Signed and Dated** Schedule B – Fee Summary Sheet (only **one** Schedule B is needed for your entire organization)
- ☐ Payment Due, if any. Please include at least one of your EPA ID Numbers on your check or credit card form.

THIS SECTION FOR DEPARTMENT USE ONLY			
Check No:	$AMOUNT	DATE:	CID NO:
12560055:	12560092:	12560065:	
12560035:	12560091:	AMOUNT DUE:	
12560075:	12560096:	PRIMARY ID #:	

SOURCE AERIAL PHOTO: Google Earth, August 2012.

LEGEND

Approximate locations of:

Construction soil stockpile

Soil sample

N

APPROXIMATE SCALE (FEET)

0 250

SITE PLAN

Greenleaf-Power, LLC
Biomass Power Plant
14800 West Schulte Road
Tracy, California

TRC | 201084 | **FIGURE 1**

FILE NAME: N:\CAD\Greenleaf Power_Tracy\Fig1_Site Plan.dwg | Layout Tab: 8x11 (2)

One Concord Center
2300 Clayton Road, Suite 610
Concord, CA 94520

925.688.1200 PHONE
925.688.0388 FAX

www.TRCsolutions.com

March 7, 2013

Client-Attorney Privilege
Attorney Work Product

Mr. Charles Franklin
Akin Gump Strauss Hauer & Feld LLP
1333 New Hampshire Avenue, N.W.
Washington, D.C. 20036

RE: Phase II - Surficial Soil Sampling Report
Biomass Power Plant
14800 West Schulte Road
Tracy, California

Mr. Charles Franklin:

TRC is pleased to submit this report presenting the results of the Phase II surficial soil sampling conducted at the Biomass Power Plant located in Tracy, California. This work was conducted in support of a potential property transaction and in accordance with the authorized agreement between Greenleaf-Power LLC and TRC.

Soil samples were collected on February 14, 2013, with a hand auger, from four areas of the property (see attached Figure 1) and submitted for analysis to TestAmerica Laboratories, Inc., a state-certified laboratory. The laboratory results are attached and the results are summarized in the following tables:

Table 1 – CAM 17 Metals by EPA Method 6010B, Soluble Threshold Limit Concentration (STLC) Citrate, and 7471A
Table 2 – Pesticides by EPA Method 8081A
Table 3 – Dioxins and Furans by EPA Method 1613B
Table 4 – Hydrocarbons and Volatiles by EPA Methods 8015B and 8260B

Results for each of the four areas are discussed below:

1.0 Construction Soil Stockpiles

Construction stockpile soil samples SP-1 through SP-7 were collected with a hand auger at depths of approximately 2.5 feet below grade (fbg), and analyzed for CAM 17 metals, pesticides, hydrocarbons, volatiles, and a composited sample for dioxins and furans.

For the metals, the chromium concentration (59 mg/kg) and lead concentration (57 mg/kg) for Sample SP-7 exceeded ten times the STLC values for these metals. An STLC Citrate extraction test was run to assess whether this material could be classified as hazardous waste if disposal was needed to allow for future site development. These STLC results did not indicate that the material would be hazardous.

A composited sample (SP-1,2,3,4,5,6,7) was analyzed for dioxins and furans. Because dioxins and furans refer to such a broad class of compounds that vary widely in toxicity, the concept of toxic equivalence (TEQ) has been developed to facilitate risk assessment and regulatory control. Toxic equivalence factors (TEFs) exist for seven congeners of dioxins, and ten furans. The reference congener is the most toxic dioxin 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) which per definition has a TEF of one. The total dioxin/furan TEQ, as defined by the World Health Organization in 2005 with non-detectable results defined as zero (WHO 2005, ND=0), was 1.3 picograms/grams (pg/g). This value is below DTSC's remedial goal of 50 pg/g for residential sites, and 200 pg/g for commercial/industrial sites.

2.0 Fly Ash Storage Pile Sample

A field-composited fly ash storage pile soil sample (Fly Ash-1) was collected and analyzed for CAM 17 metals and dioxins/furans. Because the lead concentration (73 mg/kg) for Sample Fly-Ash-1 exceeded ten times the STLC value for lead, an STLC Citrate extraction test was run to assess whether this material could be classified as hazardous waste if disposal was needed to allow for future site development. These STLC results did not indicate the material would be hazardous. The total dioxin/furan TEQ (WHO 2005, ND=0) was 110 pg/g. This value is above DTSC's remedial goal of 50 pg/g for residential sites, but below 200 pg/g for commercial/industrial sites.

3.0 Bottom Ash Storage Pile Sample

A field-composited bottom ash storage pile soil sample (Bottom Ash-1) was collected and analyzed for CAM 17 metals and dioxins/furans. The metal results did not indicate any potential hazardous characteristics. Sample Bottom Ash -1 was analyzed for dioxins/furans, and the total dioxin/furan TEQ (WHO 2005, ND=0) was 0.96 pg/g. This value is below DTSC's remedial goal of 50 pg/g for residential sites, and 200 pg/g for commercial/industrial sites.

4.0 White Powder Residue Sample

A white powdery residue was observed in the soil near the sulfuric acid and filtomat residue above ground storage tanks (ASTs) south of the cooling towers. Field-composited soil sample WR was collected and analyzed for CAM 17 metals and acidity.

Because the chromium concentration (64 mg/kg) and lead concentration (73 mg/kg) for sample WR exceeded ten times the STLC values for these metals, an STLC Citrate extraction test was run to assess if this soil might be hazardous if removal and disposal of this material was needed to allow for future site development. These STLC results did not indicate the material would be

hazardous. The results of the acidity test were non-detect. We observed in the field that the white powder which was sampled was not unique to the sample area. This powder could be a mineral residue from dust suppression activities which involves spraying water in dusty areas.

Conclusions and Recommendations

Based on the limited sampling and analysis performed on samples collected from the construction stockpile, the construction soil does not appear to be hazardous. If the future plans for the property do include developing the area where the construction stockpile is located, and the construction soil needs to be disposed of, a more rigorous sampling and analysis plan, consistent with Cal-EPA Department of Toxic Substances Control guidelines is recommended. The area where the WR sample was collected is near the sampling locations for SP-7 and Fly Ash-1. The similarities of the analytical results for metals for these samples suggest that the material located in the fly ash pile may be located superficially across this area.

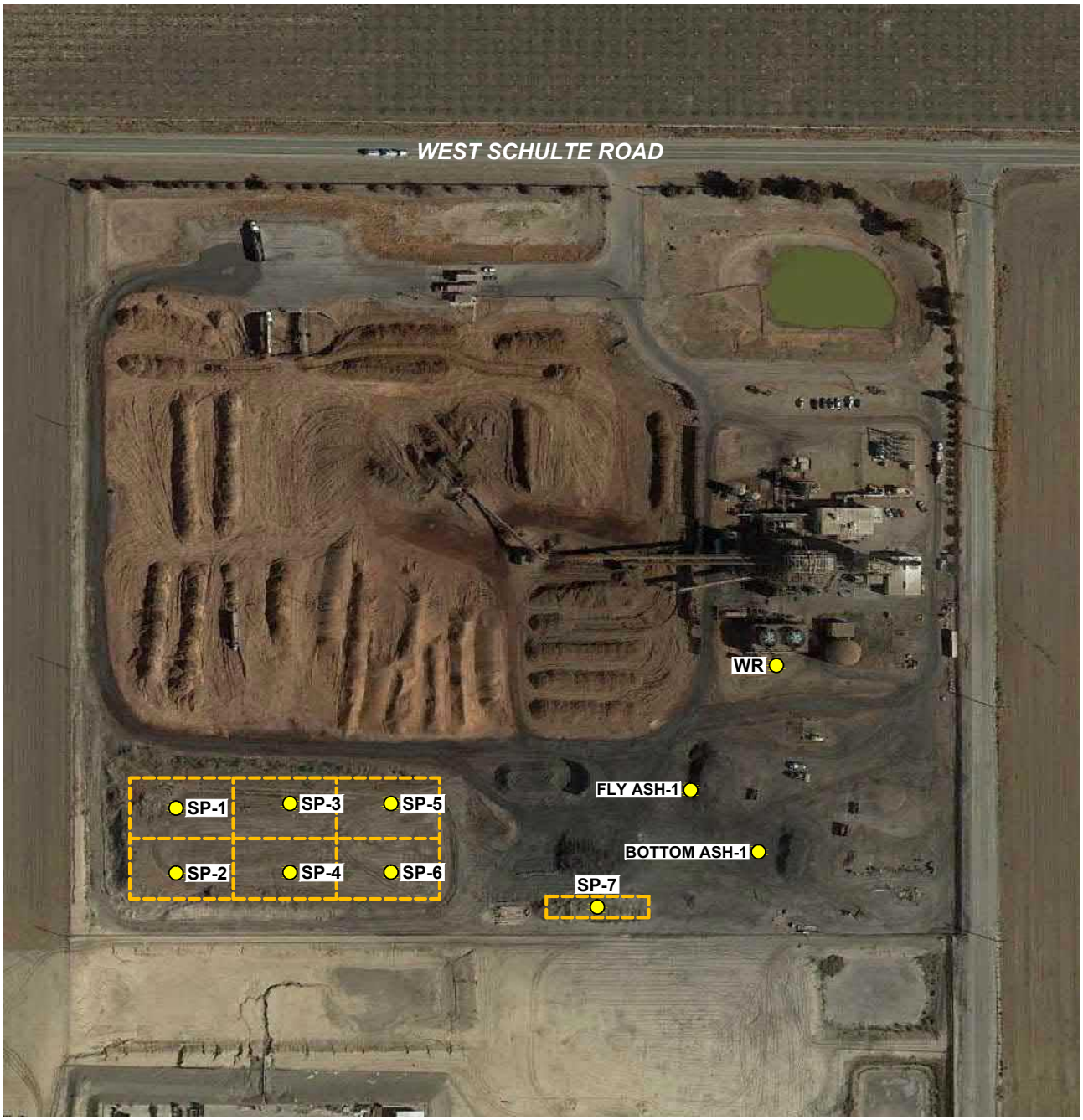
If you have any questions regarding this report, please call Ted Moise at (925) 688-2469.

Sincerely,

Ted Moise
Senior Project Manager

Attachments: Sample Location Map
Tables
TestAmerica Laboratory, Inc. Analytical Report

FIGURE



SOURCE AERIAL PHOTO: Google Earth, August 2012.

LEGEND

Approximate locations of:

Construction soil stockpile

Soil sample

N

APPROXIMATE SCALE (FEET)

0 250

SITE PLAN

Greenleaf-Power, LLC
Biomass Power Plant
14800 West Schulte Road
Tracy, California

TRC | 201084 | **FIGURE 1**

FILE NAME: N:\CAD\Greenleaf Power_Tracy\Fig1_Site Plan.dwg | Layout Tab: 8x11 (2)

TABLES

Table 1
Analytical Results - Metals
Biomass Power Plant
Tracy, CA

SAMPLE ID	SAMPLE DEPTH	SAMPLE DATE	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium STLC	Cobalt	Copper	Lead	Lead STLC	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	Acidity
			EPA Method 6010B						STLC Citrate	EPA Method 6010B			STLC Citrate	EPA Method 6010B							7471A	General Chemistry - Soluble
			mg/kg						mg/L	mg/kg			mg/L	mg/kg							mg/kg	mg/kg
DTSC Residential CHHSLs (mg/kg)			30	0.07	5,200	16	1.7	100,000		660	3,000	80		380	1,600	380	380	5	530	23,000	18	
DTSC Commercial CHHSLs (mg/kg)			380	0.24	63,000	190	7.5	100,000		3200	38,000	320		4800	16,000	4800	4800	63	6700	100,000	180	
STLC (mg/L)			15	5	100	0.75	1	5	5	80	25	5	5	350	20	1	5	7	224	250	0.2	
TTLC (mg/kg)			500	500	10,000	75	100	2,500		8000	2,500	1000		3500	2,000	100	500	700	2400	5,000	20	
SP-1	2.0-2.5'	02/14/13	ND<2	4.1	180	0.56	ND<0.5	27	---	9.7	21	9.2	---	ND<2	30	ND<4	ND<0.99	ND<2	33	38	0.02	---
SP-2	2.0-2.5'	02/14/13	ND<1.9	5	230	0.64	ND<0.48	28	---	11	24	9.7	---	ND<1.9	31	ND<3.8	ND<0.95	ND<1.9	44	41	0.013	---
SP-3	2.0-2.5'	02/14/13	ND<2	6.2	260	0.74	ND<0.5	30	---	12	28	12	---	ND<2	34	ND<4	ND<1	ND<2	45	50	0.023	---
SP-4	2.0-2.5'	02/14/13	ND<2	5.8	300	0.66	ND<0.5	32	---	11	27	12	---	ND<2	34	ND<4	ND<0.99	ND<2	49	51	0.021	---
SP-5	2.0-2.5'	02/14/13	ND<1.9	5.9	350	0.84	ND<0.48	34	---	13	29	12	---	ND<1.9	37	ND<3.8	ND<0.96	ND<1.9	51	51	ND<0.0094	---
SP-6	2.0-2.5'	02/14/13	ND<1.9	5.9	290	0.83	ND<0.49	33	---	12	28	12	---	ND<1.9	36	ND<3.9	ND<0.97	ND<1.9	49	52	0.014	---
SP-7	2.0-2.5'	02/14/13	ND<2	16	270	ND<0.4	ND<0.5	**59**	0.99	9.6	150	**57**	2	ND<2	41	ND<4	ND<0.99	ND<2	53	260	0.09	---
Bottom Ash-1 (a)	0.5-1.0'	02/14/13	ND<1.9	6.2	270	ND<0.39	ND<0.49	23	---	4.4	120	29	---	ND<1.9	26	ND<3.9	ND<0.97	ND<1.9	28	110	0.023	---
Fly Ash-1 (a)	0.5-1.0'	02/14/13	ND<1.9	30	350	ND<0.38	1.1	38	---	6.2	180	**73**	1.1	2.1	26	ND<3.8	ND<0.96	ND<1.9	40	400	0.47	---
WR (a)	0.0-0.5'	02/14/13	ND<2	11	160	ND<0.4	ND<0.5	**64**	1.2	5	170	**73**	0.92	5.9	44	ND<4	ND<0.99	ND<2	26	450	0.035	ND<49

Notes

ND < Parameter was not detected at or above the specified laboratory reporting limit.
--- Not analyzed or not reported.
NA Not applicable

mg/kg milligrams per kilogram
µg/kg microgram per kilogram
mg/L milligrams per liter

CHHSLs California Human Health Screening Levels
STLC Soluble Threshold Limit Concentration

a Field Composited

Table 2
Analytical Results -Organochlorine Pesticides
Biomass Power Plant
Tracy, California

SAMPLE ID	SAMPLE DEPTH	SAMPLE DATE	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	Chlordane (technical)	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
			EPA Method 8081A																					
			µg/Kg																					
DTSC Residential CHHSLs (µg/kg)			2300	1600	1600	330	NE	NE	NE	430	NE	35	NE	NE	NE	21000	NE	NE	NE	NE	130	NE	340000	460
DTSC Commercial CHHSLs (µg/kg)																								
STLC (µg/L)			100	100	100	140				250		800				20			400		470		10000	500
TTLC (µg/kg)			1000	1000	1000	1400				2500		8000				200			4000		4700		100000	5000
SP-1	2.0-2.5'	02/14/13	3.1	77	ND<2	ND<2	ND<2	ND<2	ND<2	ND<39	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<39
SP-2	2.0-2.5'	02/14/13	5.9	71	ND<2	ND<2	ND<2	ND<2	ND<2	ND<39	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<39
SP-3	2.0-2.5'	02/14/13	4	96	ND<2	ND<2	ND<2	ND<2	ND<2	ND<39	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<39
SP-4	2.0-2.5'	02/14/13	2.2	73	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40
SP-5	2.0-2.5'	02/14/13	2.9	84	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40
SP-6	2.0-2.5'	02/14/13	3.1	87	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<39	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<1.9	ND<39
SP-7	2.0-2.5'	02/14/13	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<40

Notes

< Parameter was not detected at or above the specified laboratory reporting limit.
--- Not analyzed or not reported.
µg/kg microgram per kilogram
NE Not Established
CHHSLs California Human Health Screening Levels

4,4'-DDD Dichlorodiphenyldichloroethane
4,4'-DDE Dichlorodiphenyldichloroethene
4,4'-DDT Dichlorodiphenyltrichloroethane
alpha-BHC Alpha-Hexachlorocyclohexane
beta-BHC Beta-Hexachlorocyclohexane
gamma-BHC Gamma-Hexachlorocyclohexane (Liane)

Table 3
Analytical Results -Dioxins
Biomass Power Plant
Tracy, California

Units	Method	Analyte	FLY ASH-1	BOTTOM ASH-1	SP-1, 2, 3, 4, 5, 6,7 Comp
pg/g	1613B	2,3,7,8-TCDD	15	ND<0.96	ND<1.0
pg/g	1613B	2,3,7,8-TCDF	73	1.9	1.7
pg/g	1613B	1,2,3,7,8-PeCDD	26	ND<4.8	ND<5.0
pg/g	1613B	1,2,3,7,8-PeCDF	61	ND<4.8	ND<5.0
pg/g	1613B	2,3,4,7,8-PeCDF	77	ND<4.8	ND<5.0
pg/g	1613B	1,2,3,4,7,8-HxCDD	45	ND<4.8	ND<5.0
pg/g	1613B	1,2,3,6,7,8-HxCDD	59	ND<4.8	ND<5.0
pg/g	1613B	1,2,3,7,8,9-HxCDD	65	ND<4.8	ND<5.0
pg/g	1613B	1,2,3,4,7,8-HxCDF	55	ND<4.8	ND<5.0
pg/g	1613B	1,2,3,6,7,8-HxCDF	37	ND<4.8	ND<5.0
pg/g	1613B	1,2,3,7,8,9-HxCDF	19	ND<4.8	ND<5.0
pg/g	1613B	2,3,4,6,7,8-HxCDF	47	ND<4.8	ND<5.0
pg/g	1613B	1,2,3,4,6,7,8-HpCDD	400	60	61
pg/g	1613B	1,2,3,4,6,7,8-HpCDF	52	5.3	28
pg/g	1613B	1,2,3,4,7,8,9-HpCDF	14	ND<4.8	ND<5.0
pg/g	1613B	OCDD	310	350	550
pg/g	1613B	OCDF	20	11	79
pg/g	1613B	Total TCDD	1300	31	21
pg/g	1613B	Total TCDF	1300	40	30
pg/g	1613B	Total PeCDD	1400	37	23
pg/g	1613B	Total PeCDF	620	5.8	5.3
pg/g	1613B	Total HxCDD	2000	45	32
pg/g	1613B	Total HxCDF	340	ND<4.8	23
pg/g	1613B	Total HpCDD	710	100	110
pg/g	1613B	Total HpCDF	120	14	82
pg/g	**TEQ**	**Total Dioxin/Furan TEQ WHO 2005 ND=0**	**110**	**0.96**	**1.3**

pg/g DTSC's TEQ remedial goal - residential
DTSC's TEQ remedial goal - residential

Notes

ND < Parameter was not detected at or above the specified laboratory reporting limit.
--- Not analyzed or not reported.
NA Not applicable
pg/g Picograms/gram

Table 4
Analytical Results -Hydrocarbons and Volatiles
Biomass Power Plant
Tracy, California

Analysis Method	Unit	Analyte	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-7
8015B	mg/Kg	Diesel Range Organics [C10-C28]	**8.1**	**14**	**9.3**	**18**	**5.5**	**6.2**	**60**
8015B	mg/Kg	Motor Oil Range Organics [C24-C36]	ND<50	ND<49	ND<49	**59**	ND<50	ND<50	**110**
8260B	ug/Kg	Gasoline Range Organics (GRO)-C5-C12	ND<250	ND<240	ND<240	ND<250	ND<240	ND<250	ND<250
8260B	ug/Kg	1,1,1,2-Tetrachloroethane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,1,1-Trichloroethane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,1,2,2-Tetrachloroethane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,1,2-Trichloro-1,2,2-trifluoroethane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,1,2-Trichloroethane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,1-Dichloroethane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,1-Dichloroethene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,1-Dichloropropene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,2,3-Trichlorobenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,2,3-Trichloropropane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,2,4-Trichlorobenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,2,4-Trimethylbenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,2-Dibromo-3-Chloropropane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,2-Dichlorobenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,2-Dichloroethane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,2-Dichloropropane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,3,5-Trimethylbenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,3-Dichlorobenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,3-Dichloropropane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	1,4-Dichlorobenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	2,2-Dichloropropane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	2-Butanone (MEK)	ND<50	ND<47	ND<49	ND<49	ND<47	ND<50	ND<50
8260B	ug/Kg	2-Chlorotoluene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	2-Hexanone	ND<50	ND<47	ND<49	ND<49	ND<47	ND<50	ND<50
8260B	ug/Kg	4-Chlorotoluene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	4-Isopropyltoluene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	4-Methyl-2-pentanone (MIBK)	ND<50	ND<47	ND<49	ND<49	ND<47	ND<50	ND<50
8260B	ug/Kg	Acetone	ND<50	ND<47	ND<49	ND<49	ND<47	ND<50	ND<50
8260B	ug/Kg	Benzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Bromobenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Bromoform	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Bromomethane	ND<10	ND<9.5	ND<9.7	ND<9.9	ND<9.5	ND<10	ND<9.9
8260B	ug/Kg	Carbon disulfide	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Carbon tetrachloride	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Chlorobenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Chlorobromomethane	ND<20	ND<19	ND<19	ND<20	ND<19	ND<20	ND<20
8260B	ug/Kg	Chlorodibromomethane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Chloroethane	ND<10	ND<9.5	ND<9.7	ND<9.9	ND<9.5	ND<10	ND<9.9
8260B	ug/Kg	Chloroform	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Chloromethane	ND<10	ND<9.5	ND<9.7	ND<9.9	ND<9.5	ND<10	ND<9.9
8260B	ug/Kg	cis-1,2-Dichloroethene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	cis-1,3-Dichloropropene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Dibromomethane	ND<10	ND<9.5	ND<9.7	ND<9.9	ND<9.5	ND<10	ND<9.9
8260B	ug/Kg	Dichlorobromomethane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Dichlorodifluoromethane	ND<10	ND<9.5	ND<9.7	ND<9.9	ND<9.5	ND<10	ND<9.9
8260B	ug/Kg	Ethylbenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Ethylene Dibromide	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Hexachlorobutadiene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Isopropylbenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Methyl tert-butyl ether	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Methylene Chloride	ND<10	ND<9.5	ND<9.7	ND<9.9	9.5	ND<10	ND<9.9
8260B	ug/Kg	Naphthalene	ND<10	ND<9.5	ND<9.7	ND<9.9	ND<9.5	ND<10	ND<9.9
8260B	ug/Kg	n-Butylbenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	N-Propylbenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	sec-Butylbenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Styrene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	tert-Butylbenzene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Tetrachloroethene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Toluene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	trans-1,2-Dichloroethene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	trans-1,3-Dichloropropene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Trichloroethene	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Trichlorofluoromethane	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Vinyl acetate	ND<50	ND<47	ND<49	ND<49	ND<47	ND<50	ND<50
8260B	ug/Kg	Vinyl chloride	ND<5	ND<4.7	ND<4.9	ND<4.9	ND<4.7	ND<5	ND<5
8260B	ug/Kg	Xylenes, Total	ND<10	ND<9.5	ND<9.7	ND<9.9	ND<9.5	ND<10	ND<9.9

Notes

ND < Parameter was not detected at or above the specified laboratory reporting limit.
--- Not analyzed or not reported.

mg/kg milligrams per kilogram
µg/kg microgram per kilogram

LABORATORY REPORT

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-47837-1
Client Project/Site: Tracy Biomass Facility
Revision: 2

For:
TRC Solutions, Inc.
2300 Clayton Road, Suite 610
Concord, California 94520

Attn: Ted Moise

Authorized for release by:
3/7/2013 1:37:17 PM

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Dioxin

Qualifier	Qualifier Description
q	The isomer is qualified as positively identified, but at an estimated quantity because the quantitation is based on the theoretical ratio for these samples.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F	MS or MSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 720-47837-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-47837-1

Comments
No additional comments.

Receipt
The samples were received on 2/15/2013 2:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7º C.

Except:

The following sample(s) will be composited by the laboratory as requested on the chain-of-custody: COMP 7:1.

GC Semi VOA
No analytical or quality issues were noted.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 130866 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 6010B: The method blank for preparation prep batch 130866 contained Zn above the reporting limit (RL). The associated sample contained detects for this analyte at concentrations greater than 10X the value found in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Narrative

Job Narrative
720-47837-2

Comments
No additional comments.

Receipt
The samples were received on 2/15/2013 2:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7º C.

Except:

The following sample will be composited by the laboratory as requested on the chain-of-custody: COMP 7:1.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 131631 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Detection Summary

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: FLY ASH-1 — Lab Sample ID: 720-47837-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	15		1.0	pg/g	1		1613B	Total/NA
2,3,7,8-TCDF	73		1.0	pg/g	1		1613B	Total/NA
1,2,3,7,8-PeCDD	26		5.1	pg/g	1		1613B	Total/NA
1,2,3,7,8-PeCDF	61		5.1	pg/g	1		1613B	Total/NA
2,3,4,7,8-PeCDF	77		5.1	pg/g	1		1613B	Total/NA
1,2,3,4,7,8-HxCDD	45		5.1	pg/g	1		1613B	Total/NA
1,2,3,6,7,8-HxCDD	59		5.1	pg/g	1		1613B	Total/NA
1,2,3,7,8,9-HxCDD	65		5.1	pg/g	1		1613B	Total/NA
1,2,3,4,7,8-HxCDF	55		5.1	pg/g	1		1613B	Total/NA
1,2,3,6,7,8-HxCDF	37		5.1	pg/g	1		1613B	Total/NA
1,2,3,7,8,9-HxCDF	19		5.1	pg/g	1		1613B	Total/NA
2,3,4,6,7,8-HxCDF	47		5.1	pg/g	1		1613B	Total/NA
1,2,3,4,6,7,8-HpCDD	400		5.1	pg/g	1		1613B	Total/NA
1,2,3,4,6,7,8-HpCDF	52		5.1	pg/g	1		1613B	Total/NA
1,2,3,4,7,8,9-HpCDF	14		5.1	pg/g	1		1613B	Total/NA
OCDD	310		10	pg/g	1		1613B	Total/NA
OCDF	20		10	pg/g	1		1613B	Total/NA
Total TCDD	1300		1.0	pg/g	1		1613B	Total/NA
Total TCDF	1300	q	1.0	pg/g	1		1613B	Total/NA
Total PeCDD	1400	q	5.1	pg/g	1		1613B	Total/NA
Total PeCDF	620		5.1	pg/g	1		1613B	Total/NA
Total HxCDD	2000		5.1	pg/g	1		1613B	Total/NA
Total HxCDF	340		5.1	pg/g	1		1613B	Total/NA
Total HpCDD	710		5.1	pg/g	1		1613B	Total/NA
Total HpCDF	120		5.1	pg/g	1		1613B	Total/NA

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	30		3.8	mg/Kg	4		6010B	Total/NA
Barium	350		1.9	mg/Kg	4		6010B	Total/NA
Cadmium	1.1		0.48	mg/Kg	4		6010B	Total/NA
Chromium	38		1.9	mg/Kg	4		6010B	Total/NA
Cobalt	6.2		0.77	mg/Kg	4		6010B	Total/NA
Copper	180		5.8	mg/Kg	4		6010B	Total/NA
Lead	73		1.9	mg/Kg	4		6010B	Total/NA
Molybdenum	2.1		1.9	mg/Kg	4		6010B	Total/NA
Nickel	26		1.9	mg/Kg	4		6010B	Total/NA
Vanadium	40		1.9	mg/Kg	4		6010B	Total/NA
Zinc	400		5.8	mg/Kg	4		6010B	Total/NA
Lead	1.1		0.13	mg/L	2.5		6010B	STLC Citrate
Mercury	0.47		0.010	mg/Kg	1		7471A	Total/NA

Client Sample ID: BOTTOM ASH-1 — Lab Sample ID: 720-47837-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDF	1.9		0.96	pg/g	1		1613B	Total/NA
1,2,3,4,6,7,8-HpCDD	60		4.8	pg/g	1		1613B	Total/NA
1,2,3,4,6,7,8-HpCDF	5.3		4.8	pg/g	1		1613B	Total/NA
OCDD	350		9.6	pg/g	1		1613B	Total/NA
OCDF	11		9.6	pg/g	1		1613B	Total/NA
Total TCDD	31		0.96	pg/g	1		1613B	Total/NA
Total TCDF	40		0.96	pg/g	1		1613B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BOTTOM ASH-1 (Continued) — Lab Sample ID: 720-47837-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Total PeCDD	37		4.8	pg/g	1		1613B	Total/NA
Total PeCDF	5.8		4.8	pg/g	1		1613B	Total/NA
Total HxCDD	45		4.8	pg/g	1		1613B	Total/NA
Total HpCDD	100		4.8	pg/g	1		1613B	Total/NA
Total HpCDF	14		4.8	pg/g	1		1613B	Total/NA

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.2		3.9	mg/Kg	4		6010B	Total/NA
Barium	270		1.9	mg/Kg	4		6010B	Total/NA
Chromium	23		1.9	mg/Kg	4		6010B	Total/NA
Cobalt	4.4		0.78	mg/Kg	4		6010B	Total/NA
Copper	120		5.8	mg/Kg	4		6010B	Total/NA
Lead	29		1.9	mg/Kg	4		6010B	Total/NA
Nickel	26		1.9	mg/Kg	4		6010B	Total/NA
Vanadium	28		1.9	mg/Kg	4		6010B	Total/NA
Zinc	110		5.8	mg/Kg	4		6010B	Total/NA
Mercury	0.023		0.0092	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-1 — Lab Sample ID: 720-47837-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	8.1		1.0	mg/Kg	1		8015B	Total/NA
4,4'-DDE	77		2.0	ug/Kg	1		8081A	Total/NA
4,4'-DDD	3.1		2.0	ug/Kg	1		8081A	Total/NA
Arsenic	4.1		4.0	mg/Kg	4		6010B	Total/NA
Barium	180		2.0	mg/Kg	4		6010B	Total/NA
Beryllium	0.56		0.40	mg/Kg	4		6010B	Total/NA
Chromium	27		2.0	mg/Kg	4		6010B	Total/NA
Cobalt	9.7		0.79	mg/Kg	4		6010B	Total/NA
Copper	21		5.9	mg/Kg	4		6010B	Total/NA
Lead	9.2		2.0	mg/Kg	4		6010B	Total/NA
Nickel	30		2.0	mg/Kg	4		6010B	Total/NA
Vanadium	33		2.0	mg/Kg	4		6010B	Total/NA
Zinc	38		5.9	mg/Kg	4		6010B	Total/NA
Mercury	0.020		0.0097	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-2 — Lab Sample ID: 720-47837-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	14		0.99	mg/Kg	1		8015B	Total/NA
4,4'-DDE	71		2.0	ug/Kg	1		8081A	Total/NA
4,4'-DDD	5.9		2.0	ug/Kg	1		8081A	Total/NA
Arsenic	5.0		3.8	mg/Kg	4		6010B	Total/NA
Barium	230		1.9	mg/Kg	4		6010B	Total/NA
Beryllium	0.64		0.38	mg/Kg	4		6010B	Total/NA
Chromium	28		1.9	mg/Kg	4		6010B	Total/NA
Cobalt	11		0.76	mg/Kg	4		6010B	Total/NA
Copper	24		5.7	mg/Kg	4		6010B	Total/NA
Lead	9.7		1.9	mg/Kg	4		6010B	Total/NA
Nickel	31		1.9	mg/Kg	4		6010B	Total/NA
Vanadium	44		1.9	mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-2 (Continued) — Lab Sample ID: 720-47837-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Zinc	41		5.7	mg/Kg	4		6010B	Total/NA
Mercury	0.013		0.0098	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-3 — Lab Sample ID: 720-47837-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	9.3		0.99	mg/Kg	1		8015B	Total/NA
4,4'-DDE	96		1.9	ug/Kg	1		8081A	Total/NA
4,4'-DDD	4.0		1.9	ug/Kg	1		8081A	Total/NA
Arsenic	6.2		4.0	mg/Kg	4		6010B	Total/NA
Barium	260		2.0	mg/Kg	4		6010B	Total/NA
Beryllium	0.74		0.40	mg/Kg	4		6010B	Total/NA
Chromium	30		2.0	mg/Kg	4		6010B	Total/NA
Cobalt	12		0.80	mg/Kg	4		6010B	Total/NA
Copper	28		6.0	mg/Kg	4		6010B	Total/NA
Lead	12		2.0	mg/Kg	4		6010B	Total/NA
Nickel	34		2.0	mg/Kg	4		6010B	Total/NA
Vanadium	45		2.0	mg/Kg	4		6010B	Total/NA
Zinc	50		6.0	mg/Kg	4		6010B	Total/NA
Mercury	0.023		0.0091	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-4 — Lab Sample ID: 720-47837-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	18		0.99	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	59		49	mg/Kg	1		8015B	Total/NA
4,4'-DDE	73		2.0	ug/Kg	1		8081A	Total/NA
4,4'-DDD	2.2	p	2.0	ug/Kg	1		8081A	Total/NA
Arsenic	5.8		4.0	mg/Kg	4		6010B	Total/NA
Barium	300		2.0	mg/Kg	4		6010B	Total/NA
Beryllium	0.66		0.40	mg/Kg	4		6010B	Total/NA
Chromium	32		2.0	mg/Kg	4		6010B	Total/NA
Cobalt	11		0.79	mg/Kg	4		6010B	Total/NA
Copper	27		5.9	mg/Kg	4		6010B	Total/NA
Lead	12		2.0	mg/Kg	4		6010B	Total/NA
Nickel	34		2.0	mg/Kg	4		6010B	Total/NA
Vanadium	49		2.0	mg/Kg	4		6010B	Total/NA
Zinc	51		5.9	mg/Kg	4		6010B	Total/NA
Mercury	0.021		0.0097	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-5 — Lab Sample ID: 720-47837-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	9.5		9.5	ug/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	5.5		0.99	mg/Kg	1		8015B	Total/NA
4,4'-DDE	84		2.0	ug/Kg	1		8081A	Total/NA
4,4'-DDD	2.9		2.0	ug/Kg	1		8081A	Total/NA
Arsenic	5.9		3.8	mg/Kg	4		6010B	Total/NA
Barium	350		1.9	mg/Kg	4		6010B	Total/NA
Beryllium	0.84		0.38	mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-5 (Continued) — Lab Sample ID: 720-47837-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chromium	34		1.9	mg/Kg	4		6010B	Total/NA
Cobalt	13		0.77	mg/Kg	4		6010B	Total/NA
Copper	29		5.8	mg/Kg	4		6010B	Total/NA
Lead	12		1.9	mg/Kg	4		6010B	Total/NA
Nickel	37		1.9	mg/Kg	4		6010B	Total/NA
Vanadium	51		1.9	mg/Kg	4		6010B	Total/NA
Zinc	51	B	5.8	mg/Kg	4		6010B	Total/NA

Client Sample ID: SP-6 — Lab Sample ID: 720-47837-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	6.2		0.99	mg/Kg	1		8015B	Total/NA
4,4'-DDE	87		1.9	ug/Kg	1		8081A	Total/NA
4,4'-DDD	3.1		1.9	ug/Kg	1		8081A	Total/NA
Arsenic	5.9		3.9	mg/Kg	4		6010B	Total/NA
Barium	290		1.9	mg/Kg	4		6010B	Total/NA
Beryllium	0.83		0.39	mg/Kg	4		6010B	Total/NA
Chromium	33		1.9	mg/Kg	4		6010B	Total/NA
Cobalt	12		0.78	mg/Kg	4		6010B	Total/NA
Copper	28		5.8	mg/Kg	4		6010B	Total/NA
Lead	12		1.9	mg/Kg	4		6010B	Total/NA
Nickel	36		1.9	mg/Kg	4		6010B	Total/NA
Vanadium	49		1.9	mg/Kg	4		6010B	Total/NA
Zinc	52	B	5.8	mg/Kg	4		6010B	Total/NA
Mercury	0.014		0.0090	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-7 — Lab Sample ID: 720-47837-9

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	60		1.0	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	110		50	mg/Kg	1		8015B	Total/NA
Arsenic	16		4.0	mg/Kg	4		6010B	Total/NA
Barium	270		2.0	mg/Kg	4		6010B	Total/NA
Chromium	59		2.0	mg/Kg	4		6010B	Total/NA
Cobalt	9.6		0.79	mg/Kg	4		6010B	Total/NA
Copper	150		5.9	mg/Kg	4		6010B	Total/NA
Lead	57		2.0	mg/Kg	4		6010B	Total/NA
Nickel	41		2.0	mg/Kg	4		6010B	Total/NA
Vanadium	53		2.0	mg/Kg	4		6010B	Total/NA
Zinc	260	B	5.9	mg/Kg	4		6010B	Total/NA
Lead	2.0		0.13	mg/L	2.5		6010B	STLC Citrate
Chromium	0.99		0.25	mg/L	2.5		6010B	STLC Citrate
Mercury	0.090		0.0094	mg/Kg	1		7471A	Total/NA

Client Sample ID: SP-1,-2,-3,-4,-5,-6,-7 — Lab Sample ID: 720-47837-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDF	1.7		1.0	pg/g	1		1613B	Total/NA
1,2,3,4,6,7,8-HpCDD	61		5.0	pg/g	1		1613B	Total/NA
1,2,3,4,6,7,8-HpCDF	28		5.0	pg/g	1		1613B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-1,-2,-3,-4,-5,-6,-7 (Continued) — Lab Sample ID: 720-47837-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
OCDD	550		10		pg/g	1		1613B	Total/NA
OCDF	79		10		pg/g	1		1613B	Total/NA
Total TCDD	21		1.0		pg/g	1		1613B	Total/NA
Total TCDF	30		1.0		pg/g	1		1613B	Total/NA
Total PeCDD	23		5.0		pg/g	1		1613B	Total/NA
Total PeCDF	5.3		5.0		pg/g	1		1613B	Total/NA
Total HxCDD	32		5.0		pg/g	1		1613B	Total/NA
Total HxCDF	23		5.0		pg/g	1		1613B	Total/NA
Total HpCDD	110		5.0		pg/g	1		1613B	Total/NA
Total HpCDF	82		5.0		pg/g	1		1613B	Total/NA

Client Sample ID: WR — Lab Sample ID: 720-47837-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		4.0		mg/Kg	4		6010B	Total/NA
Barium	160		2.0		mg/Kg	4		6010B	Total/NA
Chromium	64		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	5.0		0.79		mg/Kg	4		6010B	Total/NA
Copper	170		5.9		mg/Kg	4		6010B	Total/NA
Lead	73		2.0		mg/Kg	4		6010B	Total/NA
Molybdenum	5.9		2.0		mg/Kg	4		6010B	Total/NA
Nickel	44		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	26		2.0		mg/Kg	4		6010B	Total/NA
Zinc	450	B	5.9		mg/Kg	4		6010B	Total/NA
Lead	0.92		0.13		mg/L	2.5		6010B	STLC Citrate
Chromium	1.2		0.25		mg/L	2.5		6010B	STLC Citrate
Mercury	0.035		0.0091		mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: FLY ASH-1

Date Collected: 02/14/13 12:35
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-1

Matrix: Solid

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	15		1.0		pg/g		02/20/13 14:29	02/22/13 12:39	1
2,3,7,8-TCDF	73		1.0		pg/g		02/20/13 14:29	02/23/13 18:29	1
1,2,3,7,8-PeCDD	26		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
1,2,3,7,8-PeCDF	61		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
2,3,4,7,8-PeCDF	77		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
1,2,3,4,7,8-HxCDD	45		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
1,2,3,6,7,8-HxCDD	59		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
1,2,3,7,8,9-HxCDD	65		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
1,2,3,4,7,8-HxCDF	55		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
1,2,3,6,7,8-HxCDF	37		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
1,2,3,7,8,9-HxCDF	19		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
2,3,4,6,7,8-HxCDF	47		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
1,2,3,4,6,7,8-HpCDD	400		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
1,2,3,4,6,7,8-HpCDF	52		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
1,2,3,4,7,8,9-HpCDF	14		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
OCDD	310		10		pg/g		02/20/13 14:29	02/22/13 12:39	1
OCDF	20		10		pg/g		02/20/13 14:29	02/22/13 12:39	1
Total TCDD	1300		1.0		pg/g		02/20/13 14:29	02/22/13 12:39	1
Total TCDF	1300	q	1.0		pg/g		02/20/13 14:29	02/22/13 12:39	1
Total PeCDD	1400	q	5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
Total PeCDF	620		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
Total HxCDD	2000		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
Total HxCDF	340		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
Total HpCDD	710		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1
Total HpCDF	120		5.1		pg/g		02/20/13 14:29	02/22/13 12:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*82*		*25 - 164*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-2,3,7,8-TCDD	*80*		*25 - 164*	*02/20/13 14:29*	*02/23/13 18:29*	*1*
13C-2,3,7,8-TCDF	*89*		*24 - 169*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-2,3,7,8-TCDF	*66*		*24 - 169*	*02/20/13 14:29*	*02/23/13 18:29*	*1*
13C-1,2,3,7,8-PeCDD	*75*		*25 - 181*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-1,2,3,7,8-PeCDF	*80*		*24 - 185*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-2,3,4,7,8-PeCDF	*85*		*21 - 178*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-1,2,3,4,7,8-HxCDD	*90*		*32 - 141*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-1,2,3,6,7,8-HxCDD	*99*		*28 - 130*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-1,2,3,4,7,8-HxCDF	*91*		*26 - 152*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-1,2,3,6,7,8-HxCDF	*95*		*26 - 123*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-1,2,3,7,8,9-HxCDF	*76*		*29 - 147*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-2,3,4,6,7,8-HxCDF	*88*		*28 - 136*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*74*		*23 - 140*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*88*		*28 - 143*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*86*		*26 - 138*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
13C-OCDD	*71*		*17 - 157*	*02/20/13 14:29*	*02/22/13 12:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
37Cl4-2,3,7,8-TCDD	*105*		*35 - 197*	*02/20/13 14:29*	*02/22/13 12:39*	*1*
37Cl4-2,3,7,8-TCDD	*82*		*35 - 197*	*02/20/13 14:29*	*02/23/13 18:29*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: FLY ASH-1

Date Collected: 02/14/13 12:35
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-1

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Arsenic	**30**		3.8		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Barium	**350**		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Beryllium	ND		0.38		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Cadmium	**1.1**		0.48		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Chromium	**38**		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Cobalt	**6.2**		0.77		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Copper	**180**		5.8		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Lead	**73**		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Molybdenum	**2.1**		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Nickel	**26**		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Selenium	ND		3.8		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Silver	ND		0.96		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Thallium	ND		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Vanadium	**40**		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:05	4
Zinc	**400**		5.8		mg/Kg		02/18/13 19:26	02/19/13 19:05	4

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	**1.1**		0.13		mg/L		03/04/13 09:36	03/04/13 13:35	2.5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.47**		0.010		mg/Kg		02/18/13 17:56	02/20/13 19:47	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: BOTTOM ASH-1

Lab Sample ID: 720-47837-2

Date Collected: 02/14/13 10:30

Matrix: Solid

Date Received: 02/15/13 14:15

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		0.96	pg/g		02/20/13 14:29	02/22/13 13:22	1
2,3,7,8-TCDF	**1.9**		0.96	pg/g		02/20/13 14:29	02/24/13 00:43	1
1,2,3,7,8-PeCDD	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
1,2,3,7,8-PeCDF	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
2,3,4,7,8-PeCDF	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
1,2,3,4,7,8-HxCDD	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
1,2,3,6,7,8-HxCDD	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
1,2,3,7,8,9-HxCDD	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
1,2,3,4,7,8-HxCDF	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
1,2,3,6,7,8-HxCDF	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
1,2,3,7,8,9-HxCDF	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
2,3,4,6,7,8-HxCDF	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
1,2,3,4,6,7,8-HpCDD	**60**		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
1,2,3,4,6,7,8-HpCDF	**5.3**		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
1,2,3,4,7,8,9-HpCDF	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
OCDD	**350**		9.6	pg/g		02/20/13 14:29	02/22/13 13:22	1
OCDF	**11**		9.6	pg/g		02/20/13 14:29	02/22/13 13:22	1
Total TCDD	**31**		0.96	pg/g		02/20/13 14:29	02/22/13 13:22	1
Total TCDF	**40**		0.96	pg/g		02/20/13 14:29	02/22/13 13:22	1
Total PeCDD	**37**		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
Total PeCDF	**5.8**		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
Total HxCDD	**45**		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
Total HxCDF	ND		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
Total HpCDD	**100**		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1
Total HpCDF	**14**		4.8	pg/g		02/20/13 14:29	02/22/13 13:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*67*		*25 - 164*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-2,3,7,8-TCDD	*69*		*25 - 164*	*02/20/13 14:29*	*02/24/13 00:43*	*1*
13C-2,3,7,8-TCDF	*73*		*24 - 169*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-2,3,7,8-TCDF	*54*		*24 - 169*	*02/20/13 14:29*	*02/24/13 00:43*	*1*
13C-1,2,3,7,8-PeCDD	*62*		*25 - 181*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-1,2,3,7,8-PeCDF	*66*		*24 - 185*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-2,3,4,7,8-PeCDF	*71*		*21 - 178*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-1,2,3,4,7,8-HxCDD	*78*		*32 - 141*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-1,2,3,6,7,8-HxCDD	*81*		*28 - 130*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-1,2,3,4,7,8-HxCDF	*75*		*26 - 152*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-1,2,3,6,7,8-HxCDF	*79*		*26 - 123*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-1,2,3,7,8,9-HxCDF	*68*		*29 - 147*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-2,3,4,6,7,8-HxCDF	*77*		*28 - 136*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*62*		*23 - 140*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*77*		*28 - 143*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*77*		*26 - 138*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
13C-OCDD	*63*		*17 - 157*	*02/20/13 14:29*	*02/22/13 13:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
37Cl4-2,3,7,8-TCDD	*101*		*35 - 197*	*02/20/13 14:29*	*02/22/13 13:22*	*1*
37Cl4-2,3,7,8-TCDD	*80*		*35 - 197*	*02/20/13 14:29*	*02/24/13 00:43*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: BOTTOM ASH-1

Lab Sample ID: 720-47837-2

Date Collected: 02/14/13 10:30

Matrix: Solid

Date Received: 02/15/13 14:15

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Arsenic	**6.2**		3.9		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Barium	**270**		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Beryllium	ND		0.39		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Cadmium	ND		0.49		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Chromium	**23**		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Cobalt	**4.4**		0.78		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Copper	**120**		5.8		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Lead	**29**		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Molybdenum	ND		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Nickel	**26**		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Selenium	ND		3.9		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Silver	ND		0.97		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Thallium	ND		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Vanadium	**28**		1.9		mg/Kg		02/18/13 19:26	02/19/13 19:10	4
Zinc	**110**		5.8		mg/Kg		02/18/13 19:26	02/19/13 19:10	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.023**		0.0092		mg/Kg		02/18/13 17:56	02/20/13 19:50	1

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-1

Lab Sample ID: 720-47837-3

Date Collected: 02/14/13 10:45
Date Received: 02/15/13 14:15

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Acetone	ND		50		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Benzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Dichlorobromomethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Bromobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Chlorobromomethane	ND		20		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Bromoform	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Bromomethane	ND		10		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
2-Butanone (MEK)	ND		50		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
n-Butylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
sec-Butylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
tert-Butylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Carbon disulfide	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Carbon tetrachloride	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Chlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Chloroethane	ND		10		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Chloroform	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Chloromethane	ND		10		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
2-Chlorotoluene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
4-Chlorotoluene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Chlorodibromomethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,3-Dichloropropane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,1-Dichloropropene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Ethylene Dibromide	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Dibromomethane	ND		10		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Dichlorodifluoromethane	ND		10		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,1-Dichloroethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,2-Dichloroethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,1-Dichloroethene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,2-Dichloropropane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Ethylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Hexachlorobutadiene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
2-Hexanone	ND		50		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Isopropylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
4-Isopropyltoluene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Methylene Chloride	ND		10		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Naphthalene	ND		10		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
N-Propylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Styrene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 13:16	1

Client Sample ID: SP-1

Date Collected: 02/14/13 10:45
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-3

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Tetrachloroethene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Toluene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,2,3-Trichlorobenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Trichloroethene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Trichlorofluoromethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Vinyl acetate	ND		50	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Vinyl chloride	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Xylenes, Total	ND		10	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
2,2-Dichloropropane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 13:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		250	ug/Kg		02/20/13 10:12	02/20/13 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*45 - 131*	*02/20/13 10:12*	*02/20/13 13:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*60 - 140*	*02/20/13 10:12*	*02/20/13 13:16*	*1*
Toluene-d8 (Surr)	*95*		*58 - 140*	*02/20/13 10:12*	*02/20/13 13:16*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**8.1**		1.0	mg/Kg		02/22/13 14:07	02/23/13 16:36	1
Motor Oil Range Organics [C24-C36]	ND		50	mg/Kg		02/22/13 14:07	02/23/13 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*78*		*40 - 130*	*02/22/13 14:07*	*02/23/13 16:36*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
Dieldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
Endrin aldehyde	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
Endrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
Endrin ketone	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
Heptachlor	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
Heptachlor epoxide	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
4,4'-DDT	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
4,4'-DDE	**77**		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
4,4'-DDD	**3.1**		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
Endosulfan I	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
Endosulfan II	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
alpha-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
beta-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
gamma-BHC (Lindane)	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1
delta-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:04	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-1

Date Collected: 02/14/13 10:45
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-3

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		2.0		ug/Kg		02/20/13 20:05	02/22/13 00:04	1
Methoxychlor	ND		2.0		ug/Kg		02/20/13 20:05	02/22/13 00:04	1
Toxaphene	ND		39		ug/Kg		02/20/13 20:05	02/22/13 00:04	1
Chlordane (technical)	ND		39		ug/Kg		02/20/13 20:05	02/22/13 00:04	1
alpha-Chlordane	ND		2.0		ug/Kg		02/20/13 20:05	02/22/13 00:04	1
gamma-Chlordane	ND		2.0		ug/Kg		02/20/13 20:05	02/22/13 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*				*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*119*		*57 - 122*				*02/20/13 20:05*	*02/22/13 00:04*	*1*
DCB Decachlorobiphenyl	*81*		*21 - 136*				*02/20/13 20:05*	*02/22/13 00:04*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Arsenic	**4.1**		4.0		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Barium	**180**		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Beryllium	**0.56**		0.40		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Cadmium	ND		0.50		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Chromium	**27**		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Cobalt	**9.7**		0.79		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Copper	**21**		5.9		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Lead	**9.2**		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Molybdenum	ND		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Nickel	**30**		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Selenium	ND		4.0		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Silver	ND		0.99		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Thallium	ND		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Vanadium	**33**		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:14	4
Zinc	**38**		5.9		mg/Kg		02/18/13 19:26	02/19/13 19:14	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.020**		0.0097		mg/Kg		02/18/13 17:56	02/20/13 19:52	1

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-2

Lab Sample ID: 720-47837-4

Date Collected: 02/14/13 11:00

Matrix: Solid

Date Received: 02/15/13 14:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Acetone	ND		47		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Benzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Dichlorobromomethane	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Bromobenzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Chlorobromomethane	ND		19		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Bromoform	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Bromomethane	ND		9.5		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
2-Butanone (MEK)	ND		47		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
n-Butylbenzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
sec-Butylbenzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
tert-Butylbenzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Carbon disulfide	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Carbon tetrachloride	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Chlorobenzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Chloroethane	ND		9.5		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Chloroform	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Chloromethane	ND		9.5		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
2-Chlorotoluene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
4-Chlorotoluene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Chlorodibromomethane	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,3-Dichloropropane	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,1-Dichloropropene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,2-Dibromo-3-Chloropropane	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Ethylene Dibromide	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Dibromomethane	ND		9.5		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Dichlorodifluoromethane	ND		9.5		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,1-Dichloroethane	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,2-Dichloroethane	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,1-Dichloroethene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
cis-1,2-Dichloroethene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,2-Dichloropropane	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Ethylbenzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Hexachlorobutadiene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
2-Hexanone	ND		47		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Isopropylbenzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
4-Isopropyltoluene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Methylene Chloride	ND		9.5		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
4-Methyl-2-pentanone (MIBK)	ND		47		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Naphthalene	ND		9.5		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
N-Propylbenzene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Styrene	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		02/20/13 10:12	02/20/13 13:45	1

Client Sample ID: SP-2
Date Collected: 02/14/13 11:00
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Tetrachloroethene	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Toluene	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,2,3-Trichlorobenzene	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,2,4-Trichlorobenzene	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,1,1-Trichloroethane	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,1,2-Trichloroethane	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Trichloroethene	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Trichlorofluoromethane	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,2,3-Trichloropropane	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,2,4-Trimethylbenzene	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
1,3,5-Trimethylbenzene	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Vinyl acetate	ND		47	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Vinyl chloride	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Xylenes, Total	ND		9.5	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
2,2-Dichloropropane	ND		4.7	ug/Kg		02/20/13 10:12	02/20/13 13:45	1
Gasoline Range Organics (GRO) -C5-C12	ND		240	ug/Kg		02/20/13 10:12	02/20/13 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*45 - 131*	*02/20/13 10:12*	*02/20/13 13:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 140*	*02/20/13 10:12*	*02/20/13 13:45*	*1*
Toluene-d8 (Surr)	*97*		*58 - 140*	*02/20/13 10:12*	*02/20/13 13:45*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**14**		0.99	mg/Kg		02/22/13 14:07	02/23/13 17:05	1
Motor Oil Range Organics [C24-C36]	ND		49	mg/Kg		02/22/13 14:07	02/23/13 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*69*		*40 - 130*	*02/22/13 14:07*	*02/23/13 17:05*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
Dieldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
Endrin aldehyde	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
Endrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
Endrin ketone	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
Heptachlor	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
Heptachlor epoxide	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
4,4'-DDT	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
4,4'-DDE	**71**		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
4,4'-DDD	**5.9**		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
Endosulfan I	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
Endosulfan II	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
alpha-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
beta-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
gamma-BHC (Lindane)	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
delta-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-2

Date Collected: 02/14/13 11:00
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-4

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
Methoxychlor	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
Toxaphene	ND		39	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
Chlordane (technical)	ND		39	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
alpha-Chlordane	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1
gamma-Chlordane	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*	*p*	*57 - 122*	*02/20/13 20:05*	*02/22/13 00:21*	*1*
DCB Decachlorobiphenyl	*95*		*21 - 136*	*02/20/13 20:05*	*02/22/13 00:21*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Arsenic	**5.0**		3.8	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Barium	**230**		1.9	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Beryllium	**0.64**		0.38	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Cadmium	ND		0.48	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Chromium	**28**		1.9	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Cobalt	**11**		0.76	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Copper	**24**		5.7	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Lead	**9.7**		1.9	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Molybdenum	ND		1.9	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Nickel	**31**		1.9	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Selenium	ND		3.8	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Silver	ND		0.95	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Thallium	ND		1.9	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Vanadium	**44**		1.9	mg/Kg		02/18/13 19:26	02/19/13 19:19	4
Zinc	**41**		5.7	mg/Kg		02/18/13 19:26	02/19/13 19:19	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.013**		0.0098	mg/Kg		02/18/13 17:56	02/20/13 19:54	1

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-3

Lab Sample ID: 720-47837-5

Date Collected: 02/14/13 11:10

Matrix: Solid

Date Received: 02/15/13 14:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Acetone	ND		49		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Benzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Dichlorobromomethane	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Bromobenzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Chlorobromomethane	ND		19		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Bromoform	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Bromomethane	ND		9.7		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
2-Butanone (MEK)	ND		49		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
n-Butylbenzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
sec-Butylbenzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
tert-Butylbenzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Carbon disulfide	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Carbon tetrachloride	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Chlorobenzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Chloroethane	ND		9.7		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Chloroform	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Chloromethane	ND		9.7		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
2-Chlorotoluene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
4-Chlorotoluene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Chlorodibromomethane	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,3-Dichloropropane	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,1-Dichloropropene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,2-Dibromo-3-Chloropropane	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Ethylene Dibromide	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Dibromomethane	ND		9.7		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,1-Dichloroethane	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,2-Dichloroethane	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,1-Dichloroethene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,2-Dichloropropane	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Ethylbenzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Hexachlorobutadiene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
2-Hexanone	ND		49		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Isopropylbenzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
4-Isopropyltoluene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Methylene Chloride	ND		9.7		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Naphthalene	ND		9.7		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
N-Propylbenzene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Styrene	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		02/20/13 10:12	02/20/13 14:14	1

Client Sample ID: SP-3
Date Collected: 02/14/13 11:10
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Tetrachloroethene	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Toluene	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,2,3-Trichlorobenzene	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,2,4-Trichlorobenzene	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,1,1-Trichloroethane	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,1,2-Trichloroethane	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Trichloroethene	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Trichlorofluoromethane	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,2,3-Trichloropropane	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,2,4-Trimethylbenzene	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
1,3,5-Trimethylbenzene	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Vinyl acetate	ND		49	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Vinyl chloride	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Xylenes, Total	ND		9.7	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
2,2-Dichloropropane	ND		4.9	ug/Kg		02/20/13 10:12	02/20/13 14:14	1
Gasoline Range Organics (GRO) -C5-C12	ND		240	ug/Kg		02/20/13 10:12	02/20/13 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*45 - 131*	*02/20/13 10:12*	*02/20/13 14:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*60 - 140*	*02/20/13 10:12*	*02/20/13 14:14*	*1*
Toluene-d8 (Surr)	*95*		*58 - 140*	*02/20/13 10:12*	*02/20/13 14:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**9.3**		0.99	mg/Kg		02/22/13 14:07	02/23/13 17:34	1
Motor Oil Range Organics [C24-C36]	ND		49	mg/Kg		02/22/13 14:07	02/23/13 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*63*		*40 - 130*	*02/22/13 14:07*	*02/23/13 17:34*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
Dieldrin	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
Endrin aldehyde	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
Endrin	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
Endrin ketone	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
Heptachlor	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
Heptachlor epoxide	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
4,4'-DDT	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
4,4'-DDE	**96**		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
4,4'-DDD	**4.0**		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
Endosulfan I	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
Endosulfan II	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
alpha-BHC	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
beta-BHC	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
gamma-BHC (Lindane)	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
delta-BHC	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-3
Date Collected: 02/14/13 11:10
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-5
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
Methoxychlor	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
Toxaphene	ND		39	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
Chlordane (technical)	ND		39	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
alpha-Chlordane	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1
gamma-Chlordane	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*97*		*57 - 122*	*02/20/13 20:05*	*02/22/13 00:37*	*1*
DCB Decachlorobiphenyl	*79*		*21 - 136*	*02/20/13 20:05*	*02/22/13 00:37*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Arsenic	**6.2**		4.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Barium	**260**		2.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Beryllium	**0.74**		0.40	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Cadmium	ND		0.50	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Chromium	**30**		2.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Cobalt	**12**		0.80	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Copper	**28**		6.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Lead	**12**		2.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Molybdenum	ND		2.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Nickel	**34**		2.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Selenium	ND		4.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Silver	ND		1.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Thallium	ND		2.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Vanadium	**45**		2.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4
Zinc	**50**		6.0	mg/Kg		02/18/13 19:26	02/19/13 19:23	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.023**		0.0091	mg/Kg		02/18/13 20:23	02/20/13 20:22	1

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-4

Lab Sample ID: 720-47837-6

Date Collected: 02/14/13 11:20
Date Received: 02/15/13 14:15

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Acetone	ND		49		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Benzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Dichlorobromomethane	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Bromobenzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Chlorobromomethane	ND		20		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Bromoform	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Bromomethane	ND		9.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
2-Butanone (MEK)	ND		49		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
n-Butylbenzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
sec-Butylbenzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
tert-Butylbenzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Carbon disulfide	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Carbon tetrachloride	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Chlorobenzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Chloroethane	ND		9.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Chloroform	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Chloromethane	ND		9.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
2-Chlorotoluene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
4-Chlorotoluene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Chlorodibromomethane	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,3-Dichloropropane	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,1-Dichloropropene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,2-Dibromo-3-Chloropropane	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Ethylene Dibromide	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Dibromomethane	ND		9.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,1-Dichloroethane	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,2-Dichloroethane	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,1-Dichloroethene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,2-Dichloropropane	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Ethylbenzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Hexachlorobutadiene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
2-Hexanone	ND		49		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Isopropylbenzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
4-Isopropyltoluene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Methylene Chloride	ND		9.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Naphthalene	ND		9.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
N-Propylbenzene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Styrene	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		02/21/13 08:00	02/21/13 15:23	1

Client Sample ID: SP-4

Date Collected: 02/14/13 11:20
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Tetrachloroethene	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Toluene	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,2,3-Trichlorobenzene	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,2,4-Trichlorobenzene	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,1,1-Trichloroethane	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,1,2-Trichloroethane	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Trichloroethene	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Trichlorofluoromethane	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,2,3-Trichloropropane	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,2,4-Trimethylbenzene	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
1,3,5-Trimethylbenzene	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Vinyl acetate	ND		49	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Vinyl chloride	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Xylenes, Total	ND		9.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
2,2-Dichloropropane	ND		4.9	ug/Kg		02/21/13 08:00	02/21/13 15:23	1
Gasoline Range Organics (GRO) -C5-C12	ND		250	ug/Kg		02/21/13 08:00	02/21/13 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*45 - 131*	*02/21/13 08:00*	*02/21/13 15:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*60 - 140*	*02/21/13 08:00*	*02/21/13 15:23*	*1*
Toluene-d8 (Surr)	*95*		*58 - 140*	*02/21/13 08:00*	*02/21/13 15:23*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**18**		0.99	mg/Kg		02/22/13 14:07	02/23/13 18:03	1
Motor Oil Range Organics [C24-C36]	**59**		49	mg/Kg		02/22/13 14:07	02/23/13 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*69*		*40 - 130*	*02/22/13 14:07*	*02/23/13 18:03*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Dieldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Endrin aldehyde	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Endrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Endrin ketone	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Heptachlor	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Heptachlor epoxide	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
4,4'-DDT	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
4,4'-DDE	**73**		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
4,4'-DDD	**2.2**	**p**	2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Endosulfan I	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Endosulfan II	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
alpha-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
beta-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1
gamma-BHC (Lindane)	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 00:54	1

Client Sample ID: SP-4

Lab Sample ID: 720-47837-6

Date Collected: 02/14/13 11:20

Matrix: Solid

Date Received: 02/15/13 14:15

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		2.0		ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Methoxychlor	ND		2.0		ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Toxaphene	ND		40		ug/Kg		02/20/13 20:05	02/22/13 00:54	1
Chlordane (technical)	ND		40		ug/Kg		02/20/13 20:05	02/22/13 00:54	1
alpha-Chlordane	ND		2.0		ug/Kg		02/20/13 20:05	02/22/13 00:54	1
gamma-Chlordane	ND		2.0		ug/Kg		02/20/13 20:05	02/22/13 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*		*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*57 - 122*		*02/20/13 20:05*	*02/22/13 00:54*	*1*
DCB Decachlorobiphenyl	*102*		*21 - 136*		*02/20/13 20:05*	*02/22/13 00:54*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Arsenic	**5.8**		4.0		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Barium	**300**		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Beryllium	**0.66**		0.40		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Cadmium	ND		0.50		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Chromium	**32**		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Cobalt	**11**		0.79		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Copper	**27**		5.9		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Lead	**12**		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Molybdenum	ND		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Nickel	**34**		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Selenium	ND		4.0		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Silver	ND		0.99		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Thallium	ND		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Vanadium	**49**		2.0		mg/Kg		02/18/13 19:26	02/19/13 19:28	4
Zinc	**51**		5.9		mg/Kg		02/18/13 19:26	02/19/13 19:28	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.021**		0.0097		mg/Kg		02/18/13 20:23	02/20/13 20:25	1

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-5

Lab Sample ID: 720-47837-7

Date Collected: 02/14/13 11:30
Date Received: 02/15/13 14:15

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Acetone	ND		47		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Benzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Dichlorobromomethane	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Bromobenzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Chlorobromomethane	ND		19		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Bromoform	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Bromomethane	ND		9.5		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
2-Butanone (MEK)	ND		47		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
n-Butylbenzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
sec-Butylbenzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
tert-Butylbenzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Carbon disulfide	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Carbon tetrachloride	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Chlorobenzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Chloroethane	ND		9.5		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Chloroform	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Chloromethane	ND		9.5		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
2-Chlorotoluene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
4-Chlorotoluene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Chlorodibromomethane	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,3-Dichloropropane	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,1-Dichloropropene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,2-Dibromo-3-Chloropropane	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Ethylene Dibromide	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Dibromomethane	ND		9.5		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Dichlorodifluoromethane	ND		9.5		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,1-Dichloroethane	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,2-Dichloroethane	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,1-Dichloroethene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
cis-1,2-Dichloroethene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,2-Dichloropropane	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Ethylbenzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Hexachlorobutadiene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
2-Hexanone	ND		47		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Isopropylbenzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
4-Isopropyltoluene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Methylene Chloride	**9.5**		9.5		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
4-Methyl-2-pentanone (MIBK)	ND		47		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Naphthalene	ND		9.5		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
N-Propylbenzene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Styrene	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		02/21/13 08:00	02/21/13 15:52	1

Client Sample ID: SP-5

Date Collected: 02/14/13 11:30
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Tetrachloroethene	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Toluene	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,2,3-Trichlorobenzene	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,2,4-Trichlorobenzene	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,1,1-Trichloroethane	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,1,2-Trichloroethane	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Trichloroethene	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Trichlorofluoromethane	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,2,3-Trichloropropane	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,2,4-Trimethylbenzene	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
1,3,5-Trimethylbenzene	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Vinyl acetate	ND		47	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Vinyl chloride	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Xylenes, Total	ND		9.5	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
2,2-Dichloropropane	ND		4.7	ug/Kg		02/21/13 08:00	02/21/13 15:52	1
Gasoline Range Organics (GRO) -C5-C12	ND		240	ug/Kg		02/21/13 08:00	02/21/13 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*45 - 131*	*02/21/13 08:00*	*02/21/13 15:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*60 - 140*	*02/21/13 08:00*	*02/21/13 15:52*	*1*
Toluene-d8 (Surr)	*95*		*58 - 140*	*02/21/13 08:00*	*02/21/13 15:52*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**5.5**		0.99	mg/Kg		02/22/13 14:07	02/23/13 18:33	1
Motor Oil Range Organics [C24-C36]	ND		50	mg/Kg		02/22/13 14:07	02/23/13 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*107*		*40 - 130*	*02/22/13 14:07*	*02/23/13 18:33*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
Dieldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
Endrin aldehyde	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
Endrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
Endrin ketone	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
Heptachlor	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
Heptachlor epoxide	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
4,4'-DDT	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
4,4'-DDE	**84**		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
4,4'-DDD	**2.9**		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
Endosulfan I	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
Endosulfan II	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
alpha-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
beta-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
gamma-BHC (Lindane)	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
delta-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-5

Lab Sample ID: 720-47837-7

Date Collected: 02/14/13 11:30

Matrix: Solid

Date Received: 02/15/13 14:15

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
Methoxychlor	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
Toxaphene	ND		40	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
Chlordane (technical)	ND		40	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
alpha-Chlordane	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1
gamma-Chlordane	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*		*57 - 122*	*02/20/13 20:05*	*02/22/13 01:11*	*1*
DCB Decachlorobiphenyl	*119*		*21 - 136*	*02/20/13 20:05*	*02/22/13 01:11*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Arsenic	**5.9**		3.8	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Barium	**350**		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Beryllium	**0.84**		0.38	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Cadmium	ND		0.48	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Chromium	**34**		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Cobalt	**13**		0.77	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Copper	**29**		5.8	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Lead	**12**		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Molybdenum	ND		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Nickel	**37**		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Selenium	ND		3.8	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Silver	ND		0.96	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Thallium	ND		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Vanadium	**51**		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:03	4
Zinc	**51**	**B**	5.8	mg/Kg		02/18/13 20:46	02/20/13 12:03	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0094	mg/Kg		02/18/13 20:23	02/20/13 20:28	1

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-6

Lab Sample ID: 720-47837-8

Date Collected: 02/14/13 11:50
Date Received: 02/15/13 14:15

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Acetone	ND		50		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Benzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Dichlorobromomethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Bromobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Chlorobromomethane	ND		20		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Bromoform	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Bromomethane	ND		10		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
2-Butanone (MEK)	ND		50		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
n-Butylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
sec-Butylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
tert-Butylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Carbon disulfide	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Carbon tetrachloride	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Chlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Chloroethane	ND		10		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Chloroform	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Chloromethane	ND		10		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
2-Chlorotoluene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
4-Chlorotoluene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Chlorodibromomethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,3-Dichloropropane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,1-Dichloropropene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Ethylene Dibromide	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Dibromomethane	ND		10		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Dichlorodifluoromethane	ND		10		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,1-Dichloroethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,2-Dichloroethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,1-Dichloroethene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,2-Dichloropropane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Ethylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Hexachlorobutadiene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
2-Hexanone	ND		50		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Isopropylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
4-Isopropyltoluene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Methylene Chloride	ND		10		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Naphthalene	ND		10		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
N-Propylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Styrene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 15:39	1

Client Sample ID: SP-6

Lab Sample ID: 720-47837-8

Date Collected: 02/14/13 11:50

Matrix: Solid

Date Received: 02/15/13 14:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Tetrachloroethene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Toluene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,2,3-Trichlorobenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Trichloroethene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Trichlorofluoromethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Vinyl acetate	ND		50	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Vinyl chloride	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Xylenes, Total	ND		10	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
2,2-Dichloropropane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 15:39	1
Gasoline Range Organics (GRO) -C5-C12	ND		250	ug/Kg		02/20/13 10:12	02/20/13 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*45 - 131*	*02/20/13 10:12*	*02/20/13 15:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*60 - 140*	*02/20/13 10:12*	*02/20/13 15:39*	*1*
Toluene-d8 (Surr)	*95*		*58 - 140*	*02/20/13 10:12*	*02/20/13 15:39*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**6.2**		0.99	mg/Kg		02/22/13 14:07	02/23/13 19:02	1
Motor Oil Range Organics [C24-C36]	ND		50	mg/Kg		02/22/13 14:07	02/23/13 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*78*		*40 - 130*	*02/22/13 14:07*	*02/23/13 19:02*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
Dieldrin	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
Endrin aldehyde	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
Endrin	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
Endrin ketone	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
Heptachlor	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
Heptachlor epoxide	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
4,4'-DDT	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
4,4'-DDE	**87**		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
4,4'-DDD	**3.1**		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
Endosulfan I	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
Endosulfan II	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
alpha-BHC	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
beta-BHC	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
gamma-BHC (Lindane)	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
delta-BHC	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-6

Date Collected: 02/14/13 11:50
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-8

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
Methoxychlor	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
Toxaphene	ND		39	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
Chlordane (technical)	ND		39	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
alpha-Chlordane	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1
gamma-Chlordane	ND		1.9	ug/Kg		02/20/13 20:05	02/22/13 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*		*57 - 122*	*02/20/13 20:05*	*02/22/13 01:27*	*1*
DCB Decachlorobiphenyl	*64*	*p*	*21 - 136*	*02/20/13 20:05*	*02/22/13 01:27*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Arsenic	**5.9**		3.9	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Barium	**290**		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Beryllium	**0.83**		0.39	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Cadmium	ND		0.49	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Chromium	**33**		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Cobalt	**12**		0.78	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Copper	**28**		5.8	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Lead	**12**		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Molybdenum	ND		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Nickel	**36**		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Selenium	ND		3.9	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Silver	ND		0.97	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Thallium	ND		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Vanadium	**49**		1.9	mg/Kg		02/18/13 20:46	02/20/13 12:12	4
Zinc	**52**	**B**	5.8	mg/Kg		02/18/13 20:46	02/20/13 12:12	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.014**		0.0090	mg/Kg		02/18/13 20:23	02/20/13 20:30	1

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-7
Date Collected: 02/14/13 12:30
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Acetone	ND		50		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Benzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Dichlorobromomethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Bromobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Chlorobromomethane	ND		20		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Bromoform	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Bromomethane	ND		9.9		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
2-Butanone (MEK)	ND		50		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
n-Butylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
sec-Butylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
tert-Butylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Carbon disulfide	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Carbon tetrachloride	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Chlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Chloroethane	ND		9.9		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Chloroform	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Chloromethane	ND		9.9		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
2-Chlorotoluene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
4-Chlorotoluene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Chlorodibromomethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,3-Dichloropropane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,1-Dichloropropene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Ethylene Dibromide	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Dibromomethane	ND		9.9		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,1-Dichloroethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,2-Dichloroethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,1-Dichloroethene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,2-Dichloropropane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Ethylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Hexachlorobutadiene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
2-Hexanone	ND		50		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Isopropylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
4-Isopropyltoluene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Methylene Chloride	ND		9.9		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Naphthalene	ND		9.9		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
N-Propylbenzene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Styrene	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		02/20/13 10:12	02/20/13 16:08	1

Client Sample ID: SP-7

Date Collected: 02/14/13 12:30
Date Received: 02/15/13 14:15

Lab Sample ID: 720-47837-9

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Tetrachloroethene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Toluene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,2,3-Trichlorobenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Trichloroethene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Trichlorofluoromethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Vinyl acetate	ND		50	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Vinyl chloride	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Xylenes, Total	ND		9.9	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
2,2-Dichloropropane	ND		5.0	ug/Kg		02/20/13 10:12	02/20/13 16:08	1
Gasoline Range Organics (GRO) -C5-C12	ND		250	ug/Kg		02/20/13 10:12	02/20/13 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*45 - 131*	*02/20/13 10:12*	*02/20/13 16:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*60 - 140*	*02/20/13 10:12*	*02/20/13 16:08*	*1*
Toluene-d8 (Surr)	*96*		*58 - 140*	*02/20/13 10:12*	*02/20/13 16:08*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**60**		1.0	mg/Kg		02/25/13 09:31	02/25/13 14:38	1
Motor Oil Range Organics [C24-C36]	**110**		50	mg/Kg		02/25/13 09:31	02/25/13 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*59*		*40 - 130*	*02/25/13 09:31*	*02/25/13 14:38*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Dieldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Endrin aldehyde	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Endrin	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Endrin ketone	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Heptachlor	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Heptachlor epoxide	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
4,4'-DDT	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
4,4'-DDE	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
4,4'-DDD	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Endosulfan I	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Endosulfan II	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
alpha-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
beta-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
gamma-BHC (Lindane)	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1

Client Sample ID: SP-7

Lab Sample ID: 720-47837-9

Date Collected: 02/14/13 12:30

Matrix: Solid

Date Received: 02/15/13 14:15

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Endosulfan sulfate	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Methoxychlor	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Toxaphene	ND		40	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
Chlordane (technical)	ND		40	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
alpha-Chlordane	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1
gamma-Chlordane	ND		2.0	ug/Kg		02/20/13 20:05	02/22/13 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*	*p*	*57 - 122*	*02/20/13 20:05*	*02/22/13 01:44*	*1*
DCB Decachlorobiphenyl	*70*		*21 - 136*	*02/20/13 20:05*	*02/22/13 01:44*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Arsenic	**16**		4.0	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Barium	**270**		2.0	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Beryllium	ND		0.40	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Cadmium	ND		0.50	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Chromium	**59**		2.0	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Cobalt	**9.6**		0.79	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Copper	**150**		5.9	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Lead	**57**		2.0	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Molybdenum	ND		2.0	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Nickel	**41**		2.0	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Selenium	ND		4.0	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Silver	ND		0.99	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Thallium	ND		2.0	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Vanadium	**53**		2.0	mg/Kg		02/18/13 20:46	02/20/13 12:17	4
Zinc	**260**	**B**	5.9	mg/Kg		02/18/13 20:46	02/20/13 12:17	4

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**2.0**		0.13	mg/L		03/04/13 09:36	03/04/13 13:39	2.5
Chromium	**0.99**		0.25	mg/L		03/04/13 09:36	03/04/13 13:39	2.5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.090**		0.0094	mg/Kg		02/18/13 20:23	02/20/13 20:32	1

Client Sample ID: SP-1,-2,-3,-4,-5,-6,-7

Lab Sample ID: 720-47837-10

Date Collected: 02/14/13 10:45

Matrix: Solid

Date Received: 02/15/13 14:15

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		1.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
2,3,7,8-TCDF	**1.7**		1.0	pg/g		02/20/13 14:29	02/24/13 00:06	1
1,2,3,7,8-PeCDD	ND		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
1,2,3,7,8-PeCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
2,3,4,7,8-PeCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
1,2,3,4,7,8-HxCDD	ND		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
1,2,3,6,7,8-HxCDD	ND		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
1,2,3,7,8,9-HxCDD	ND		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
1,2,3,4,7,8-HxCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
1,2,3,6,7,8-HxCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
1,2,3,7,8,9-HxCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
2,3,4,6,7,8-HxCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
1,2,3,4,6,7,8-HpCDD	**61**		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
1,2,3,4,6,7,8-HpCDF	**28**		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
1,2,3,4,7,8,9-HpCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
OCDD	**550**		10	pg/g		02/20/13 14:29	02/22/13 14:05	1
OCDF	**79**		10	pg/g		02/20/13 14:29	02/22/13 14:05	1
Total TCDD	**21**		1.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
Total TCDF	**30**		1.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
Total PeCDD	**23**		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
Total PeCDF	**5.3**		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
Total HxCDD	**32**		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
Total HxCDF	**23**		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
Total HpCDD	**110**		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1
Total HpCDF	**82**		5.0	pg/g		02/20/13 14:29	02/22/13 14:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*80*		*25 - 164*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-2,3,7,8-TCDD	*77*		*25 - 164*	*02/20/13 14:29*	*02/24/13 00:06*	*1*
13C-2,3,7,8-TCDF	*86*		*24 - 169*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-2,3,7,8-TCDF	*61*		*24 - 169*	*02/20/13 14:29*	*02/24/13 00:06*	*1*
13C-1,2,3,7,8-PeCDD	*71*		*25 - 181*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-1,2,3,7,8-PeCDF	*76*		*24 - 185*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-2,3,4,7,8-PeCDF	*83*		*21 - 178*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-1,2,3,4,7,8-HxCDD	*91*		*32 - 141*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-1,2,3,6,7,8-HxCDD	*90*		*28 - 130*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-1,2,3,4,7,8-HxCDF	*84*		*26 - 152*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-1,2,3,6,7,8-HxCDF	*92*		*26 - 123*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-1,2,3,7,8,9-HxCDF	*81*		*29 - 147*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-2,3,4,6,7,8-HxCDF	*87*		*28 - 136*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*67*		*23 - 140*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*82*		*28 - 143*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*85*		*26 - 138*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
13C-OCDD	*65*		*17 - 157*	*02/20/13 14:29*	*02/22/13 14:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
37Cl4-2,3,7,8-TCDD	*108*		*35 - 197*	*02/20/13 14:29*	*02/22/13 14:05*	*1*
37Cl4-2,3,7,8-TCDD	*83*		*35 - 197*	*02/20/13 14:29*	*02/24/13 00:06*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: WR

Lab Sample ID: 720-47837-11

Date Collected: 02/14/13 13:00
Date Received: 02/15/13 14:15

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Arsenic	**11**		4.0		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Barium	**160**		2.0		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Beryllium	ND		0.40		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Cadmium	ND		0.50		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Chromium	**64**		2.0		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Cobalt	**5.0**		0.79		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Copper	**170**		5.9		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Lead	**73**		2.0		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Molybdenum	**5.9**		2.0		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Nickel	**44**		2.0		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Selenium	ND		4.0		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Silver	ND		0.99		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Thallium	ND		2.0		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Vanadium	**26**		2.0		mg/Kg		02/18/13 20:46	02/20/13 12:21	4
Zinc	**450**	**B**	5.9		mg/Kg		02/18/13 20:46	02/20/13 12:21	4

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	**0.92**		0.13		mg/L		03/04/13 09:36	03/04/13 13:44	2.5
Chromium	**1.2**		0.25		mg/L		03/04/13 09:36	03/04/13 13:44	2.5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.035**		0.0091		mg/Kg		02/18/13 20:23	02/20/13 20:39	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acidity	ND		49		mg/Kg			02/28/13 15:00	1

Toxicity Summary

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: FLY ASH-1 — Lab Sample ID: 720-47837-1

Analyte	Result	Qualifier	NONE	NONE	Unit	WHO 2005 ND = 0 TEF	TEQ	Method
Total Dioxin/Furan TEQ					pg/g		110	TEQ

Analyte	Result	Qualifier	RL	EDL	Unit	WHO 2005 ND = 0 TEF	TEQ	Method
2,3,7,8-TCDD	**15**		1.0		pg/g	1	**15**	1613B
2,3,7,8-TCDF	**73**		1.0		pg/g	0.1	**7.3**	1613B
1,2,3,7,8-PeCDD	**26**		5.1		pg/g	1	**26**	1613B
1,2,3,7,8-PeCDF	**61**		5.1		pg/g	0.03	**1.8**	1613B
2,3,4,7,8-PeCDF	**77**		5.1		pg/g	0.3	**23**	1613B
1,2,3,4,7,8-HxCDD	**45**		5.1		pg/g	0.1	**4.5**	1613B
1,2,3,6,7,8-HxCDD	**59**		5.1		pg/g	0.1	**5.9**	1613B
1,2,3,7,8,9-HxCDD	**65**		5.1		pg/g	0.1	**6.5**	1613B
1,2,3,4,7,8-HxCDF	**55**		5.1		pg/g	0.1	**5.5**	1613B
1,2,3,6,7,8-HxCDF	**37**		5.1		pg/g	0.1	**3.7**	1613B
1,2,3,7,8,9-HxCDF	**19**		5.1		pg/g	0.1	**1.9**	1613B
2,3,4,6,7,8-HxCDF	**47**		5.1		pg/g	0.1	**4.7**	1613B
1,2,3,4,6,7,8-HpCDD	**400**		5.1		pg/g	0.01	**4.0**	1613B
1,2,3,4,6,7,8-HpCDF	**52**		5.1		pg/g	0.01	**0.52**	1613B
1,2,3,4,7,8,9-HpCDF	**14**		5.1		pg/g	0.01	**0.14**	1613B
OCDD	**310**		10		pg/g	0.0003	**0.093**	1613B
OCDF	**20**		10		pg/g	0.0003	**0.0060**	1613B

Client Sample ID: BOTTOM ASH-1 — Lab Sample ID: 720-47837-2

Analyte	Result	Qualifier	NONE	NONE	Unit	WHO 2005 ND = 0 TEF	TEQ	Method
Total Dioxin/Furan TEQ					pg/g		0.96	TEQ

Analyte	Result	Qualifier	RL	EDL	Unit	WHO 2005 ND = 0 TEF	TEQ	Method
2,3,7,8-TCDD	ND		0.96		pg/g	1	0.00	1613B
2,3,7,8-TCDF	**1.9**		0.96		pg/g	0.1	**0.19**	1613B
1,2,3,7,8-PeCDD	ND		4.8		pg/g	1	0.00	1613B
1,2,3,7,8-PeCDF	ND		4.8		pg/g	0.03	0.00	1613B
2,3,4,7,8-PeCDF	ND		4.8		pg/g	0.3	0.00	1613B
1,2,3,4,7,8-HxCDD	ND		4.8		pg/g	0.1	0.00	1613B
1,2,3,6,7,8-HxCDD	ND		4.8		pg/g	0.1	0.00	1613B
1,2,3,7,8,9-HxCDD	ND		4.8		pg/g	0.1	0.00	1613B
1,2,3,4,7,8-HxCDF	ND		4.8		pg/g	0.1	0.00	1613B
1,2,3,6,7,8-HxCDF	ND		4.8		pg/g	0.1	0.00	1613B
1,2,3,7,8,9-HxCDF	ND		4.8		pg/g	0.1	0.00	1613B
2,3,4,6,7,8-HxCDF	ND		4.8		pg/g	0.1	0.00	1613B
1,2,3,4,6,7,8-HpCDD	**60**		4.8		pg/g	0.01	**0.60**	1613B

TEF Reference:

WHO 2005 = World Health Organization (WHO) 2005 TEF, Dioxins, Furans and PCB Congeners

Toxicity Summary

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: BOTTOM ASH-1 (Continued) — Lab Sample ID: 720-47837-2

Analyte	Result	Qualifier	RL	EDL	Unit	WHO 2005 ND = 0 TEF	WHO 2005 ND = 0 TEQ	Method
1,2,3,4,6,7,8-HpCDF	**5.3**		4.8		pg/g	0.01	**0.053**	1613B
1,2,3,4,7,8,9-HpCDF	ND		4.8		pg/g	0.01	0.00	1613B
OCDD	**350**		9.6		pg/g	0.0003	**0.11**	1613B
OCDF	**11**		9.6		pg/g	0.0003	**0.0033**	1613B

Client Sample ID: SP-1,-2,-3,-4,-5,-6,-7 — Lab Sample ID: 720-47837-10

Analyte	Result	Qualifier	NONE	NONE	Unit	WHO 2005 ND = 0 TEF	WHO 2005 ND = 0 TEQ	Method
Total Dioxin/Furan TEQ					pg/g		1.3	TEQ

Analyte	Result	Qualifier	RL	EDL	Unit	WHO 2005 ND = 0 TEF	WHO 2005 ND = 0 TEQ	Method
2,3,7,8-TCDD	ND		1.0		pg/g	1	0.00	1613B
2,3,7,8-TCDF	**1.7**		1.0		pg/g	0.1	**0.17**	1613B
1,2,3,7,8-PeCDD	ND		5.0		pg/g	1	0.00	1613B
1,2,3,7,8-PeCDF	ND		5.0		pg/g	0.03	0.00	1613B
2,3,4,7,8-PeCDF	ND		5.0		pg/g	0.3	0.00	1613B
1,2,3,4,7,8-HxCDD	ND		5.0		pg/g	0.1	0.00	1613B
1,2,3,6,7,8-HxCDD	ND		5.0		pg/g	0.1	0.00	1613B
1,2,3,7,8,9-HxCDD	ND		5.0		pg/g	0.1	0.00	1613B
1,2,3,4,7,8-HxCDF	ND		5.0		pg/g	0.1	0.00	1613B
1,2,3,6,7,8-HxCDF	ND		5.0		pg/g	0.1	0.00	1613B
1,2,3,7,8,9-HxCDF	ND		5.0		pg/g	0.1	0.00	1613B
2,3,4,6,7,8-HxCDF	ND		5.0		pg/g	0.1	0.00	1613B
1,2,3,4,6,7,8-HpCDD	**61**		5.0		pg/g	0.01	**0.61**	1613B
1,2,3,4,6,7,8-HpCDF	**28**		5.0		pg/g	0.01	**0.28**	1613B
1,2,3,4,7,8,9-HpCDF	ND		5.0		pg/g	0.01	0.00	1613B
OCDD	**550**		10		pg/g	0.0003	**0.17**	1613B
OCDF	**79**		10		pg/g	0.0003	**0.024**	1613B

TEF Reference:

WHO 2005 = World Health Organization (WHO) 2005 TEF, Dioxins, Furans and PCB Congeners

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	12DCE	TOL
Lab Sample ID	Client Sample ID	(45-131)	(60-140)	(58-140)
720-47837-3	SP-1	92	106	95
720-47837-4	SP-2	92	105	97
720-47837-5	SP-3	93	107	95
720-47837-6	SP-4	94	117	95
720-47837-7	SP-5	89	116	95
720-47837-8	SP-6	93	112	95
720-47837-9	SP-7	91	112	96
LCS 720-130955/2-A	Lab Control Sample	102	96	99
LCS 720-130955/4-A	Lab Control Sample	99	96	100
LCS 720-131050/2-A	Lab Control Sample	102	104	101
LCS 720-131050/4-A	Lab Control Sample	101	104	101
LCSD 720-130955/3-A	Lab Control Sample Dup	99	96	99
LCSD 720-130955/5-A	Lab Control Sample Dup	100	97	99
LCSD 720-131050/3-A	Lab Control Sample Dup	102	105	101
LCSD 720-131050/5-A	Lab Control Sample Dup	100	100	101
MB 720-130955/1-A	Method Blank	102	92	101
MB 720-131050/1-A	Method Blank	99	100	98

Surrogate Legend

BFB = 4-Bromofluorobenzene
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		PTP1
Lab Sample ID	Client Sample ID	(40-130)
720-47837-3	SP-1	78
720-47837-4	SP-2	69
720-47837-5	SP-3	63
720-47837-6	SP-4	69
720-47837-7	SP-5	107
720-47837-8	SP-6	78
720-47837-9	SP-7	59
LCS 720-131125/2-A	Lab Control Sample	77
LCS 720-131208/2-A	Lab Control Sample	74
LCSD 720-131125/3-A	Lab Control Sample Dup	81
LCSD 720-131208/3-A	Lab Control Sample Dup	75
MB 720-131125/1-A	Method Blank	110
MB 720-131208/1-A	Method Blank	85

Surrogate Legend

PTP = p-Terphenyl

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	TCX2 (57-122)	DCB1 (21-136)
720-47837-3	SP-1	119	81
720-47837-4	SP-2	94 p	95
720-47837-5	SP-3	97	79
LCS 720-131005/2-A	Lab Control Sample	95	115
LCSD 720-131005/3-A	Lab Control Sample Dup	94	114
MB 720-131005/1-A	Method Blank	106	127

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	TCX1 (57-122)	DCB1 (21-136)
720-47837-6	SP-4	108	102
720-47837-7	SP-5	105	119
720-47837-9	SP-7	96 p	70

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	TCX1 (57-122)	DCB2 (21-136)
720-47837-8	SP-6	103	64 p

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	37TCDD (35-197)
720-47837-1	FLY ASH-1	105
720-47837-1	FLY ASH-1	82
720-47837-2	BOTTOM ASH-1	101
720-47837-2	BOTTOM ASH-1	80
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7	108
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7	83
LCS 320-10844/2-A	Lab Control Sample	105

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Method: 1613B - Dioxins and Furans (HRGC/HRMS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	**Client Sample ID**	**37TCDD (35-197)**							
LCSD 320-10844/3-A	Lab Control Sample Dup	103							
MB 320-10844/1-A	Method Blank	108							

Surrogate Legend

37TCDD = 37Cl4-2,3,7,8-TCDD

Isotope Dilution Summary

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		TCDD	TCDF	PeCDD	PeCDF1	PeCDF2	HxCDD1	HxCDD2	HxCDF1
Lab Sample ID	Client Sample ID	(25-164)	(24-169)	(25-181)	(24-185)	(21-178)	(32-141)	(28-130)	(26-152)
720-47837-1	FLY ASH-1	82	89	75	80	85	90	99	91
720-47837-1	FLY ASH-1	80	66						
720-47837-2	BOTTOM ASH-1	67	73	62	66	71	78	81	75
720-47837-2	BOTTOM ASH-1	69	54						
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7	80	86	71	76	83	91	90	84
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7	77	61						
MB 320-10844/1-A	Method Blank	76	82	71	74	80	85	94	80

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		HxCDF2	HxCDF4	HxCDF3	HpCDD	HpCDF1	HpCDF2	OCDD	HxCDF1
Lab Sample ID	Client Sample ID	(26-123)	(29-147)	(28-136)	(23-140)	(28-143)	(26-138)	(17-157)	(26-152)
720-47837-1	FLY ASH-1	95	76	88	74	88	86	71	91
720-47837-1	FLY ASH-1								
720-47837-2	BOTTOM ASH-1	79	68	77	62	77	77	63	75
720-47837-2	BOTTOM ASH-1								
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7	92	81	87	67	82	85	65	84
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7								
MB 320-10844/1-A	Method Blank	88	76	81	72	84	83	68	80

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		HxCDF2	HxCDF2	HxCDF4	HxCDF4	HxCDF3	HxCDF3	HpCDD	HpCDD
Lab Sample ID	Client Sample ID	(21-159)	(26-123)	(17-205)	(29-147)	(22-176)	(28-136)	(23-140)	(26-166)
720-47837-1	FLY ASH-1		95		76		88	74	
720-47837-1	FLY ASH-1								
720-47837-2	BOTTOM ASH-1		79		68		77	62	
720-47837-2	BOTTOM ASH-1								
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7		92		81		87	67	
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7								
MB 320-10844/1-A	Method Blank		88		76		81	72	

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		HpCDF1	HpCDF1	HpCDF2	HpCDF2	OCDD	OCDD		
Lab Sample ID	Client Sample ID	(21-158)	(28-143)	(20-186)	(26-138)	(13-199)	(17-157)		
720-47837-1	FLY ASH-1		88		86		71		
720-47837-1	FLY ASH-1								
720-47837-2	BOTTOM ASH-1		77		77		63		
720-47837-2	BOTTOM ASH-1								
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7		82		85		65		
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7								
MB 320-10844/1-A	Method Blank		84		83		68		

Surrogate Legend

TCDD = 13C-2,3,7,8-TCDD
TCDF = 13C-2,3,7,8-TCDF
PeCDD = 13C-1,2,3,7,8-PeCDD
PeCDF1 = 13C-1,2,3,7,8-PeCDF
PeCDF2 = 13C-2,3,4,7,8-PeCDF
HxCDD1 = 13C-1,2,3,4,7,8-HxCDD
HxCDD2 = 13C-1,2,3,6,7,8-HxCDD
HxCDF1 = 13C-1,2,3,4,7,8-HxCDF
HxCDF2 = 13C-1,2,3,6,7,8-HxCDF
HxCDF4 = 13C-1,2,3,7,8,9-HxCDF

HxCDF3 = 13C-2,3,4,6,7,8-HxCDF
HpCDD = 13C-1,2,3,4,6,7,8-HpCDD
HpCDF1 = 13C-1,2,3,4,6,7,8-HpCDF
HpCDF2 = 13C-1,2,3,4,7,8,9-HpCDF
OCDD = 13C-OCDD

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		TCDD	TCDF	PeCDD	PeCDF1	PeCDF2	HxCDD1	HxCDD2	HxCDF1
Lab Sample ID	**Client Sample ID**	(20-175)	(22-152)	(21-227)	(21-192)	(13-328)	(21-193)	(25-163)	(19-202)
LCS 320-10844/2-A	Lab Control Sample	79	84	73	75	82	86	94	84
LCSD 320-10844/3-A	Lab Control Sample Dup	80	84	74	77	84	91	101	88

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		HxCDF2	HxCDF4	HxCDF3	HpCDD	HpCDF1	HpCDF2	OCDD
Lab Sample ID	**Client Sample ID**	(21-159)	(17-205)	(22-176)	(26-166)	(21-158)	(20-186)	(13-199)
LCS 320-10844/2-A	Lab Control Sample	87	75	83	69	87	83	67
LCSD 320-10844/3-A	Lab Control Sample Dup	91	81	88	74	87	91	73

Surrogate Legend

TCDD = 13C-2,3,7,8-TCDD
TCDF = 13C-2,3,7,8-TCDF
PeCDD = 13C-1,2,3,7,8-PeCDD
PeCDF1 = 13C-1,2,3,7,8-PeCDF
PeCDF2 = 13C-2,3,4,7,8-PeCDF
HxCDD1 = 13C-1,2,3,4,7,8-HxCDD
HxCDD2 = 13C-1,2,3,6,7,8-HxCDD
HxCDF1 = 13C-1,2,3,4,7,8-HxCDF
HxCDF2 = 13C-1,2,3,6,7,8-HxCDF
HxCDF4 = 13C-1,2,3,7,8,9-HxCDF
HxCDF3 = 13C-2,3,4,6,7,8-HxCDF
HpCDD = 13C-1,2,3,4,6,7,8-HpCDD
HpCDF1 = 13C-1,2,3,4,6,7,8-HpCDF
HpCDF2 = 13C-1,2,3,4,7,8,9-HpCDF
OCDD = 13C-OCDD

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-130955/1-A
Matrix: Solid
Analysis Batch: 130938

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130955

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Acetone	ND		50	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Benzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Dichlorobromomethane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Bromobenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Chlorobromomethane	ND		20	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Bromoform	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Bromomethane	ND		10	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
2-Butanone (MEK)	ND		50	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
n-Butylbenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
sec-Butylbenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
tert-Butylbenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Carbon disulfide	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Carbon tetrachloride	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Chlorobenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Chloroethane	ND		10	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Chloroform	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Chloromethane	ND		10	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
2-Chlorotoluene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
4-Chlorotoluene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Chlorodibromomethane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,2-Dichlorobenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,3-Dichlorobenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,4-Dichlorobenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,3-Dichloropropane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,1-Dichloropropene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Ethylene Dibromide	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Dibromomethane	ND		10	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Dichlorodifluoromethane	ND		10	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,1-Dichloroethane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,2-Dichloroethane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,1-Dichloroethene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
cis-1,2-Dichloroethene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,2-Dichloropropane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
cis-1,3-Dichloropropene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Ethylbenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Hexachlorobutadiene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
2-Hexanone	ND		50	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Isopropylbenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
4-Isopropyltoluene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Methylene Chloride	ND		10	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
4-Methyl-2-pentanone (MIBK)	ND		50	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Naphthalene	ND		10	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
N-Propylbenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Styrene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-130955/1-A
Matrix: Solid
Analysis Batch: 130938

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130955

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Tetrachloroethene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Toluene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,2,3-Trichlorobenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Trichloroethene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Trichlorofluoromethane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Vinyl acetate	ND		50	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Vinyl chloride	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Xylenes, Total	ND		10	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
2,2-Dichloropropane	ND		5.0	ug/Kg		02/20/13 07:00	02/20/13 09:06	1
Gasoline Range Organics (GRO) -C5-C12	ND		250	ug/Kg		02/20/13 07:00	02/20/13 09:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*45 - 131*	*02/20/13 07:00*	*02/20/13 09:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*60 - 140*	*02/20/13 07:00*	*02/20/13 09:06*	*1*
Toluene-d8 (Surr)	*101*		*58 - 140*	*02/20/13 07:00*	*02/20/13 09:06*	*1*

Lab Sample ID: LCS 720-130955/2-A
Matrix: Solid
Analysis Batch: 130938

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130955

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	58.7		ug/Kg		117	70 - 144
Acetone	250	315		ug/Kg		126	30 - 162
Benzene	50.0	52.7		ug/Kg		105	70 - 130
Dichlorobromomethane	50.0	53.7		ug/Kg		107	70 - 131
Bromobenzene	50.0	56.1		ug/Kg		112	70 - 130
Chlorobromomethane	50.0	58.2		ug/Kg		116	70 - 130
Bromoform	50.0	62.5		ug/Kg		125	59 - 158
Bromomethane	50.0	51.5		ug/Kg		103	59 - 132
2-Butanone (MEK)	250	295		ug/Kg		118	53 - 124
n-Butylbenzene	50.0	54.3		ug/Kg		109	70 - 142
sec-Butylbenzene	50.0	55.3		ug/Kg		111	70 - 136
tert-Butylbenzene	50.0	55.0		ug/Kg		110	70 - 130
Carbon disulfide	50.0	49.0		ug/Kg		98	60 - 140
Carbon tetrachloride	50.0	55.3		ug/Kg		111	70 - 138
Chlorobenzene	50.0	55.3		ug/Kg		111	70 - 130
Chloroethane	50.0	54.9		ug/Kg		110	65 - 130
Chloroform	50.0	53.3		ug/Kg		107	77 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-130955/2-A
Matrix: Solid
Analysis Batch: 130938

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130955

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	50.0	45.9		ug/Kg		92	55 - 140
2-Chlorotoluene	50.0	56.8		ug/Kg		114	70 - 138
4-Chlorotoluene	50.0	56.0		ug/Kg		112	70 - 136
Chlorodibromomethane	50.0	58.6		ug/Kg		117	70 - 146
1,2-Dichlorobenzene	50.0	52.8		ug/Kg		106	70 - 130
1,3-Dichlorobenzene	50.0	55.5		ug/Kg		111	70 - 131
1,4-Dichlorobenzene	50.0	55.7		ug/Kg		111	70 - 130
1,3-Dichloropropane	50.0	56.6		ug/Kg		113	70 - 140
1,1-Dichloropropene	50.0	56.6		ug/Kg		113	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	51.1		ug/Kg		102	60 - 145
Ethylene Dibromide	50.0	59.7		ug/Kg		119	70 - 140
Dibromomethane	50.0	56.1		ug/Kg		112	70 - 139
Dichlorodifluoromethane	50.0	32.5		ug/Kg		65	37 - 158
1,1-Dichloroethane	50.0	53.7		ug/Kg		107	70 - 130
1,2-Dichloroethane	50.0	52.1		ug/Kg		104	70 - 130
1,1-Dichloroethene	50.0	53.5		ug/Kg		107	76 - 122
cis-1,2-Dichloroethene	50.0	54.0		ug/Kg		108	70 - 138
trans-1,2-Dichloroethene	50.0	54.0		ug/Kg		108	67 - 130
1,2-Dichloropropane	50.0	54.9		ug/Kg		110	73 - 127
cis-1,3-Dichloropropene	50.0	60.4		ug/Kg		121	68 - 147
trans-1,3-Dichloropropene	50.0	56.6		ug/Kg		113	70 - 136
Ethylbenzene	50.0	53.5		ug/Kg		107	80 - 137
Hexachlorobutadiene	50.0	40.7		ug/Kg		81	70 - 132
2-Hexanone	250	248		ug/Kg		99	44 - 133
Isopropylbenzene	50.0	56.4		ug/Kg		113	88 - 128
4-Isopropyltoluene	50.0	54.0		ug/Kg		108	70 - 133
Methylene Chloride	50.0	55.1		ug/Kg		110	70 - 134
4-Methyl-2-pentanone (MIBK)	250	263		ug/Kg		105	60 - 160
Naphthalene	50.0	43.5		ug/Kg		87	60 - 147
N-Propylbenzene	50.0	58.2		ug/Kg		116	70 - 130
Styrene	50.0	57.6		ug/Kg		115	70 - 130
1,1,1,2-Tetrachloroethane	50.0	60.6		ug/Kg		121	70 - 130
1,1,2,2-Tetrachloroethane	50.0	59.5		ug/Kg		119	70 - 146
Tetrachloroethene	50.0	53.1		ug/Kg		106	70 - 132
Toluene	50.0	53.7		ug/Kg		107	80 - 128
1,2,3-Trichlorobenzene	50.0	39.6		ug/Kg		79	60 - 140
1,2,4-Trichlorobenzene	50.0	44.3		ug/Kg		89	60 - 140
1,1,1-Trichloroethane	50.0	53.6		ug/Kg		107	70 - 130
1,1,2-Trichloroethane	50.0	57.4		ug/Kg		115	70 - 130
Trichloroethene	50.0	53.0		ug/Kg		106	70 - 133
Trichlorofluoromethane	50.0	48.8		ug/Kg		98	60 - 140
1,2,3-Trichloropropane	50.0	59.3		ug/Kg		119	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.5		ug/Kg		101	60 - 140
1,2,4-Trimethylbenzene	50.0	55.8		ug/Kg		112	70 - 130
1,3,5-Trimethylbenzene	50.0	56.0		ug/Kg		112	70 - 131
Vinyl acetate	50.0	60.8		ug/Kg		122	38 - 176
Vinyl chloride	50.0	47.8		ug/Kg		96	58 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-130955/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130938 — **Prep Batch: 130955**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	100	108		ug/Kg		108	70 - 146
o-Xylene	50.0	56.6		ug/Kg		113	70 - 140
2,2-Dichloropropane	50.0	56.2		ug/Kg		112	70 - 162

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 140*
Toluene-d8 (Surr)	*99*		*58 - 140*

Lab Sample ID: LCS 720-130955/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130938 — **Prep Batch: 130955**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	1070		ug/Kg		107	61 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 140*
Toluene-d8 (Surr)	*100*		*58 - 140*

Lab Sample ID: LCSD 720-130955/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130938 — **Prep Batch: 130955**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	55.8		ug/Kg		112	70 - 144	5	20
Acetone	250	286		ug/Kg		114	30 - 162	10	30
Benzene	50.0	51.8		ug/Kg		104	70 - 130	2	20
Dichlorobromomethane	50.0	52.6		ug/Kg		105	70 - 131	2	20
Bromobenzene	50.0	54.1		ug/Kg		108	70 - 130	4	20
Chlorobromomethane	50.0	56.2		ug/Kg		112	70 - 130	4	20
Bromoform	50.0	59.1		ug/Kg		118	59 - 158	6	20
Bromomethane	50.0	50.6		ug/Kg		101	59 - 132	2	20
2-Butanone (MEK)	250	278		ug/Kg		111	53 - 124	6	20
n-Butylbenzene	50.0	51.2		ug/Kg		102	70 - 142	6	20
sec-Butylbenzene	50.0	53.5		ug/Kg		107	70 - 136	3	20
tert-Butylbenzene	50.0	53.8		ug/Kg		108	70 - 130	2	20
Carbon disulfide	50.0	48.8		ug/Kg		98	60 - 140	1	20
Carbon tetrachloride	50.0	54.4		ug/Kg		109	70 - 138	2	20
Chlorobenzene	50.0	53.0		ug/Kg		106	70 - 130	4	20
Chloroethane	50.0	54.1		ug/Kg		108	65 - 130	1	20
Chloroform	50.0	52.0		ug/Kg		104	77 - 127	2	20
Chloromethane	50.0	45.8		ug/Kg		92	55 - 140	0	20
2-Chlorotoluene	50.0	55.1		ug/Kg		110	70 - 138	3	20
4-Chlorotoluene	50.0	54.5		ug/Kg		109	70 - 136	3	20
Chlorodibromomethane	50.0	56.3		ug/Kg		113	70 - 146	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-130955/3-A | **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 130938 | **Prep Batch: 130955**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	50.0	49.9		ug/Kg		100	70 - 130	6	20
1,3-Dichlorobenzene	50.0	53.1		ug/Kg		106	70 - 131	4	20
1,4-Dichlorobenzene	50.0	52.9		ug/Kg		106	70 - 130	5	20
1,3-Dichloropropane	50.0	55.1		ug/Kg		110	70 - 140	3	20
1,1-Dichloropropene	50.0	55.8		ug/Kg		112	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	48.5		ug/Kg		97	60 - 145	5	20
Ethylene Dibromide	50.0	56.5		ug/Kg		113	70 - 140	5	20
Dibromomethane	50.0	53.3		ug/Kg		107	70 - 139	5	20
Dichlorodifluoromethane	50.0	31.6		ug/Kg		63	37 - 158	3	20
1,1-Dichloroethane	50.0	52.5		ug/Kg		105	70 - 130	2	20
1,2-Dichloroethane	50.0	50.3		ug/Kg		101	70 - 130	4	20
1,1-Dichloroethene	50.0	52.7		ug/Kg		105	76 - 122	2	20
cis-1,2-Dichloroethene	50.0	52.8		ug/Kg		106	70 - 138	2	20
trans-1,2-Dichloroethene	50.0	53.0		ug/Kg		106	67 - 130	2	20
1,2-Dichloropropane	50.0	53.9		ug/Kg		108	73 - 127	2	20
cis-1,3-Dichloropropene	50.0	58.8		ug/Kg		118	68 - 147	3	20
trans-1,3-Dichloropropene	50.0	54.4		ug/Kg		109	70 - 136	4	20
Ethylbenzene	50.0	51.3		ug/Kg		103	80 - 137	4	20
Hexachlorobutadiene	50.0	36.5		ug/Kg		73	70 - 132	11	20
2-Hexanone	250	242		ug/Kg		97	44 - 133	2	20
Isopropylbenzene	50.0	54.7		ug/Kg		109	88 - 128	3	20
4-Isopropyltoluene	50.0	52.0		ug/Kg		104	70 - 133	4	20
Methylene Chloride	50.0	53.7		ug/Kg		107	70 - 134	2	20
4-Methyl-2-pentanone (MIBK)	250	256		ug/Kg		102	60 - 160	3	20
Naphthalene	50.0	41.1		ug/Kg		82	60 - 147	6	20
N-Propylbenzene	50.0	56.8		ug/Kg		114	70 - 130	2	20
Styrene	50.0	55.1		ug/Kg		110	70 - 130	4	20
1,1,1,2-Tetrachloroethane	50.0	58.2		ug/Kg		116	70 - 130	4	20
1,1,2,2-Tetrachloroethane	50.0	57.2		ug/Kg		114	70 - 146	4	20
Tetrachloroethene	50.0	51.1		ug/Kg		102	70 - 132	4	20
Toluene	50.0	52.0		ug/Kg		104	80 - 128	3	20
1,2,3-Trichlorobenzene	50.0	37.0		ug/Kg		74	60 - 140	7	20
1,2,4-Trichlorobenzene	50.0	41.1		ug/Kg		82	60 - 140	7	20
1,1,1-Trichloroethane	50.0	52.2		ug/Kg		104	70 - 130	3	20
1,1,2-Trichloroethane	50.0	55.0		ug/Kg		110	70 - 130	4	20
Trichloroethene	50.0	51.7		ug/Kg		103	70 - 133	2	20
Trichlorofluoromethane	50.0	48.1		ug/Kg		96	60 - 140	2	20
1,2,3-Trichloropropane	50.0	56.2		ug/Kg		112	70 - 146	5	20
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	49.7		ug/Kg		99	60 - 140	2	20
1,2,4-Trimethylbenzene	50.0	54.2		ug/Kg		108	70 - 130	3	20
1,3,5-Trimethylbenzene	50.0	55.0		ug/Kg		110	70 - 131	2	20
Vinyl acetate	50.0	62.3		ug/Kg		125	38 - 176	3	20
Vinyl chloride	50.0	47.4		ug/Kg		95	58 - 125	1	20
m-Xylene & p-Xylene	100	104		ug/Kg		104	70 - 146	4	20
o-Xylene	50.0	54.0		ug/Kg		108	70 - 140	5	20
2,2-Dichloropropane	50.0	55.6		ug/Kg		111	70 - 162	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-130955/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130938 — **Prep Batch: 130955**

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	96		60 - 140
Toluene-d8 (Surr)	99		58 - 140

Lab Sample ID: LCSD 720-130955/5-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130938 — **Prep Batch: 130955**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			1000	1030		ug/Kg		103	61 - 128	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	100		45 - 131
1,2-Dichloroethane-d4 (Surr)	97		60 - 140
Toluene-d8 (Surr)	99		58 - 140

Lab Sample ID: MB 720-131050/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131012 — **Prep Batch: 131050**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Acetone	ND		50		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Benzene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Dichlorobromomethane	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Bromobenzene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Chlorobromomethane	ND		20		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Bromoform	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Bromomethane	ND		10		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
2-Butanone (MEK)	ND		50		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
n-Butylbenzene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
sec-Butylbenzene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
tert-Butylbenzene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Carbon disulfide	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Carbon tetrachloride	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Chlorobenzene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Chloroethane	ND		10		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Chloroform	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Chloromethane	ND		10		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
2-Chlorotoluene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
4-Chlorotoluene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Chlorodibromomethane	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,3-Dichloropropane	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,1-Dichloropropene	ND		5.0		ug/Kg		02/21/13 08:00	02/21/13 08:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-131050/1-A
Matrix: Solid
Analysis Batch: 131012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131050

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Ethylene Dibromide	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Dibromomethane	ND		10	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Dichlorodifluoromethane	ND		10	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,1-Dichloroethane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,2-Dichloroethane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,1-Dichloroethene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
cis-1,2-Dichloroethene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,2-Dichloropropane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
cis-1,3-Dichloropropene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Ethylbenzene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Hexachlorobutadiene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
2-Hexanone	ND		50	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Isopropylbenzene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
4-Isopropyltoluene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Methylene Chloride	ND		10	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
4-Methyl-2-pentanone (MIBK)	ND		50	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Naphthalene	ND		10	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
N-Propylbenzene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Styrene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,1,1,2-Tetrachloroethane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Tetrachloroethene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Toluene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,2,3-Trichlorobenzene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Trichloroethene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Trichlorofluoromethane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Vinyl acetate	ND		50	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Vinyl chloride	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Xylenes, Total	ND		10	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
2,2-Dichloropropane	ND		5.0	ug/Kg		02/21/13 08:00	02/21/13 08:57	1
Gasoline Range Organics (GRO) -C5-C12	ND		250	ug/Kg		02/21/13 08:00	02/21/13 08:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*45 - 131*	*02/21/13 08:00*	*02/21/13 08:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*60 - 140*	*02/21/13 08:00*	*02/21/13 08:57*	*1*
Toluene-d8 (Surr)	*98*		*58 - 140*	*02/21/13 08:00*	*02/21/13 08:57*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-131050/2-A
Matrix: Solid
Analysis Batch: 131012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	57.1		ug/Kg		114	70 - 144
Acetone	250	240		ug/Kg		96	30 - 162
Benzene	50.0	51.3		ug/Kg		103	70 - 130
Dichlorobromomethane	50.0	56.8		ug/Kg		114	70 - 131
Bromobenzene	50.0	55.2		ug/Kg		110	70 - 130
Chlorobromomethane	50.0	57.5		ug/Kg		115	70 - 130
Bromoform	50.0	61.5		ug/Kg		123	59 - 158
Bromomethane	50.0	51.4		ug/Kg		103	59 - 132
2-Butanone (MEK)	250	249		ug/Kg		100	53 - 124
n-Butylbenzene	50.0	52.8		ug/Kg		106	70 - 142
sec-Butylbenzene	50.0	54.7		ug/Kg		109	70 - 136
tert-Butylbenzene	50.0	55.6		ug/Kg		111	70 - 130
Carbon disulfide	50.0	45.7		ug/Kg		91	60 - 140
Carbon tetrachloride	50.0	60.7		ug/Kg		121	70 - 138
Chlorobenzene	50.0	54.5		ug/Kg		109	70 - 130
Chloroethane	50.0	52.6		ug/Kg		105	65 - 130
Chloroform	50.0	55.9		ug/Kg		112	77 - 127
Chloromethane	50.0	43.9		ug/Kg		88	55 - 140
2-Chlorotoluene	50.0	57.0		ug/Kg		114	70 - 138
4-Chlorotoluene	50.0	56.1		ug/Kg		112	70 - 136
Chlorodibromomethane	50.0	61.0		ug/Kg		122	70 - 146
1,2-Dichlorobenzene	50.0	51.4		ug/Kg		103	70 - 130
1,3-Dichlorobenzene	50.0	54.9		ug/Kg		110	70 - 131
1,4-Dichlorobenzene	50.0	55.2		ug/Kg		110	70 - 130
1,3-Dichloropropane	50.0	55.4		ug/Kg		111	70 - 140
1,1-Dichloropropene	50.0	57.5		ug/Kg		115	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	47.0		ug/Kg		94	60 - 145
Ethylene Dibromide	50.0	58.1		ug/Kg		116	70 - 140
Dibromomethane	50.0	56.3		ug/Kg		113	70 - 139
Dichlorodifluoromethane	50.0	33.3		ug/Kg		67	37 - 158
1,1-Dichloroethane	50.0	53.2		ug/Kg		106	70 - 130
1,2-Dichloroethane	50.0	55.8		ug/Kg		112	70 - 130
1,1-Dichloroethene	50.0	51.7		ug/Kg		103	76 - 122
cis-1,2-Dichloroethene	50.0	54.5		ug/Kg		109	70 - 138
trans-1,2-Dichloroethene	50.0	52.9		ug/Kg		106	67 - 130
1,2-Dichloropropane	50.0	52.3		ug/Kg		105	73 - 127
cis-1,3-Dichloropropene	50.0	59.3		ug/Kg		119	68 - 147
trans-1,3-Dichloropropene	50.0	57.4		ug/Kg		115	70 - 136
Ethylbenzene	50.0	53.3		ug/Kg		107	80 - 137
Hexachlorobutadiene	50.0	38.2		ug/Kg		76	70 - 132
2-Hexanone	250	217		ug/Kg		87	44 - 133
Isopropylbenzene	50.0	57.5		ug/Kg		115	88 - 128
4-Isopropyltoluene	50.0	53.9		ug/Kg		108	70 - 133
Methylene Chloride	50.0	52.2		ug/Kg		104	70 - 134
4-Methyl-2-pentanone (MIBK)	250	232		ug/Kg		93	60 - 160
Naphthalene	50.0	40.6		ug/Kg		81	60 - 147
N-Propylbenzene	50.0	57.7		ug/Kg		115	70 - 130
Styrene	50.0	56.6		ug/Kg		113	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-131050/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131012 — **Prep Batch: 131050**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	62.7		ug/Kg		125	70 - 130
1,1,2,2-Tetrachloroethane	50.0	56.3		ug/Kg		113	70 - 146
Tetrachloroethene	50.0	53.5		ug/Kg		107	70 - 132
Toluene	50.0	52.1		ug/Kg		104	80 - 128
1,2,3-Trichlorobenzene	50.0	37.1		ug/Kg		74	60 - 140
1,2,4-Trichlorobenzene	50.0	41.4		ug/Kg		83	60 - 140
1,1,1-Trichloroethane	50.0	59.0		ug/Kg		118	70 - 130
1,1,2-Trichloroethane	50.0	55.3		ug/Kg		111	70 - 130
Trichloroethene	50.0	53.6		ug/Kg		107	70 - 133
Trichlorofluoromethane	50.0	52.5		ug/Kg		105	60 - 140
1,2,3-Trichloropropane	50.0	57.8		ug/Kg		116	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.8		ug/Kg		102	60 - 140
1,2,4-Trimethylbenzene	50.0	55.7		ug/Kg		111	70 - 130
1,3,5-Trimethylbenzene	50.0	56.6		ug/Kg		113	70 - 131
Vinyl acetate	50.0	56.9		ug/Kg		114	38 - 176
Vinyl chloride	50.0	49.0		ug/Kg		98	58 - 125
m-Xylene & p-Xylene	100	109		ug/Kg		109	70 - 146
o-Xylene	50.0	57.2		ug/Kg		114	70 - 140
2,2-Dichloropropane	50.0	61.5		ug/Kg		123	70 - 162

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 140*
Toluene-d8 (Surr)	*101*		*58 - 140*

Lab Sample ID: LCS 720-131050/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131012 — **Prep Batch: 131050**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	1070		ug/Kg		107	61 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 140*
Toluene-d8 (Surr)	*101*		*58 - 140*

Lab Sample ID: LCSD 720-131050/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131012 — **Prep Batch: 131050**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	59.2		ug/Kg		118	70 - 144	3	20
Acetone	250	250		ug/Kg		100	30 - 162	4	30
Benzene	50.0	50.6		ug/Kg		101	70 - 130	1	20
Dichlorobromomethane	50.0	57.9		ug/Kg		116	70 - 131	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-131050/3-A | **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 131012 | **Prep Batch: 131050**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	50.0	57.3		ug/Kg		115	70 - 130	4	20
Chlorobromomethane	50.0	57.4		ug/Kg		115	70 - 130	0	20
Bromoform	50.0	67.4		ug/Kg		135	59 - 158	9	20
Bromomethane	50.0	50.3		ug/Kg		101	59 - 132	2	20
2-Butanone (MEK)	250	276		ug/Kg		111	53 - 124	10	20
n-Butylbenzene	50.0	52.7		ug/Kg		105	70 - 142	0	20
sec-Butylbenzene	50.0	54.5		ug/Kg		109	70 - 136	0	20
tert-Butylbenzene	50.0	55.5		ug/Kg		111	70 - 130	0	20
Carbon disulfide	50.0	45.1		ug/Kg		90	60 - 140	1	20
Carbon tetrachloride	50.0	58.1		ug/Kg		116	70 - 138	4	20
Chlorobenzene	50.0	55.3		ug/Kg		111	70 - 130	2	20
Chloroethane	50.0	52.7		ug/Kg		105	65 - 130	0	20
Chloroform	50.0	54.4		ug/Kg		109	77 - 127	3	20
Chloromethane	50.0	43.3		ug/Kg		87	55 - 140	1	20
2-Chlorotoluene	50.0	57.8		ug/Kg		116	70 - 138	1	20
4-Chlorotoluene	50.0	57.9		ug/Kg		116	70 - 136	3	20
Chlorodibromomethane	50.0	65.0		ug/Kg		130	70 - 146	6	20
1,2-Dichlorobenzene	50.0	54.6		ug/Kg		109	70 - 130	6	20
1,3-Dichlorobenzene	50.0	57.2		ug/Kg		114	70 - 131	4	20
1,4-Dichlorobenzene	50.0	57.6		ug/Kg		115	70 - 130	4	20
1,3-Dichloropropane	50.0	59.0		ug/Kg		118	70 - 140	6	20
1,1-Dichloropropene	50.0	56.3		ug/Kg		113	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	50.0	53.6		ug/Kg		107	60 - 145	13	20
Ethylene Dibromide	50.0	62.9		ug/Kg		126	70 - 140	8	20
Dibromomethane	50.0	57.8		ug/Kg		116	70 - 139	3	20
Dichlorodifluoromethane	50.0	31.6		ug/Kg		63	37 - 158	5	20
1,1-Dichloroethane	50.0	52.4		ug/Kg		105	70 - 130	1	20
1,2-Dichloroethane	50.0	55.4		ug/Kg		111	70 - 130	1	20
1,1-Dichloroethene	50.0	51.3		ug/Kg		103	76 - 122	1	20
cis-1,2-Dichloroethene	50.0	53.4		ug/Kg		107	70 - 138	2	20
trans-1,2-Dichloroethene	50.0	51.6		ug/Kg		103	67 - 130	3	20
1,2-Dichloropropane	50.0	52.8		ug/Kg		106	73 - 127	1	20
cis-1,3-Dichloropropene	50.0	61.0		ug/Kg		122	68 - 147	3	20
trans-1,3-Dichloropropene	50.0	59.8		ug/Kg		120	70 - 136	4	20
Ethylbenzene	50.0	52.7		ug/Kg		105	80 - 137	1	20
Hexachlorobutadiene	50.0	35.5		ug/Kg		71	70 - 132	7	20
2-Hexanone	250	258		ug/Kg		103	44 - 133	17	20
Isopropylbenzene	50.0	57.7		ug/Kg		115	88 - 128	0	20
4-Isopropyltoluene	50.0	54.4		ug/Kg		109	70 - 133	1	20
Methylene Chloride	50.0	51.7		ug/Kg		103	70 - 134	1	20
4-Methyl-2-pentanone (MIBK)	250	266		ug/Kg		107	60 - 160	14	20
Naphthalene	50.0	45.4		ug/Kg		91	60 - 147	11	20
N-Propylbenzene	50.0	58.2		ug/Kg		116	70 - 130	1	20
Styrene	50.0	58.8		ug/Kg		118	70 - 130	4	20
1,1,1,2-Tetrachloroethane	50.0	63.8		ug/Kg		128	70 - 130	2	20
1,1,2,2-Tetrachloroethane	50.0	63.6		ug/Kg		127	70 - 146	12	20
Tetrachloroethene	50.0	53.0		ug/Kg		106	70 - 132	1	20
Toluene	50.0	50.6		ug/Kg		101	80 - 128	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-131050/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131012 — **Prep Batch: 131050**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	50.0	39.1		ug/Kg		78	60 - 140	5	20
1,2,4-Trichlorobenzene	50.0	43.1		ug/Kg		86	60 - 140	4	20
1,1,1-Trichloroethane	50.0	56.7		ug/Kg		113	70 - 130	4	20
1,1,2-Trichloroethane	50.0	59.2		ug/Kg		118	70 - 130	7	20
Trichloroethene	50.0	52.5		ug/Kg		105	70 - 133	2	20
Trichlorofluoromethane	50.0	50.5		ug/Kg		101	60 - 140	4	20
1,2,3-Trichloropropane	50.0	64.7		ug/Kg		129	70 - 146	11	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.1		ug/Kg		98	60 - 140	4	20
1,2,4-Trimethylbenzene	50.0	57.1		ug/Kg		114	70 - 130	2	20
1,3,5-Trimethylbenzene	50.0	57.0		ug/Kg		114	70 - 131	1	20
Vinyl acetate	50.0	60.6		ug/Kg		121	38 - 176	6	20
Vinyl chloride	50.0	48.4		ug/Kg		97	58 - 125	1	20
m-Xylene & p-Xylene	100	108		ug/Kg		108	70 - 146	1	20
o-Xylene	50.0	57.3		ug/Kg		115	70 - 140	0	20
2,2-Dichloropropane	50.0	58.7		ug/Kg		117	70 - 162	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 140*
Toluene-d8 (Surr)	*101*		*58 - 140*

Lab Sample ID: LCSD 720-131050/5-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131012 — **Prep Batch: 131050**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	1000	1070		ug/Kg		107	61 - 128	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*100*		*60 - 140*
Toluene-d8 (Surr)	*101*		*58 - 140*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-131125/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131167 — **Prep Batch: 131125**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99	mg/Kg		02/22/13 14:07	02/23/13 16:07	1
Motor Oil Range Organics [C24-C36]	ND		50	mg/Kg		02/22/13 14:07	02/23/13 16:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*110*		*40 - 130*	*02/22/13 14:07*	*02/23/13 16:07*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 720-131125/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131167 — **Prep Batch: 131125**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	82.4	75.8		mg/Kg		92	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*77*		*40 - 130*

Lab Sample ID: LCSD 720-131125/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131167 — **Prep Batch: 131125**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	83.0	76.8		mg/Kg		93	50 - 150	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*81*		*40 - 130*

Lab Sample ID: MB 720-131208/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131191 — **Prep Batch: 131208**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	mg/Kg		02/25/13 09:31	02/25/13 15:51	1
Motor Oil Range Organics [C24-C36]	ND		50	mg/Kg		02/25/13 09:31	02/25/13 15:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*85*		*40 - 130*	*02/25/13 09:31*	*02/25/13 15:51*	*1*

Lab Sample ID: LCS 720-131208/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131191 — **Prep Batch: 131208**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	83.3	58.7		mg/Kg		70	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*74*		*40 - 130*

Lab Sample ID: LCSD 720-131208/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131191 — **Prep Batch: 131208**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	83.3	62.9		mg/Kg		76	50 - 150	7	35

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 720-131208/3-A
Matrix: Solid
Analysis Batch: 131191

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131208

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*75*		*40 - 130*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 720-131005/1-A
Matrix: Solid
Analysis Batch: 131032

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131005

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Dieldrin	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Endrin aldehyde	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Endrin	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Endrin ketone	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Heptachlor	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Heptachlor epoxide	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
4,4'-DDT	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
4,4'-DDE	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
4,4'-DDD	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Endosulfan I	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Endosulfan II	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
alpha-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
beta-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
gamma-BHC (Lindane)	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
delta-BHC	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Endosulfan sulfate	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Methoxychlor	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Toxaphene	ND		40	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
Chlordane (technical)	ND		40	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
alpha-Chlordane	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1
gamma-Chlordane	ND		2.0	ug/Kg		02/20/13 20:05	02/21/13 18:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*57 - 122*	*02/20/13 20:05*	*02/21/13 18:57*	*1*
DCB Decachlorobiphenyl	*127*		*21 - 136*	*02/20/13 20:05*	*02/21/13 18:57*	*1*

Lab Sample ID: LCS 720-131005/2-A
Matrix: Solid
Analysis Batch: 131032

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131005

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	16.6	16.2		ug/Kg		98	65 - 120
Dieldrin	16.6	17.4		ug/Kg		105	72 - 120
Endrin aldehyde	16.6	17.4		ug/Kg		105	57 - 120
Endrin	16.6	16.8		ug/Kg		101	68 - 120
Endrin ketone	16.6	18.1		ug/Kg		109	67 - 120
Heptachlor	16.6	15.5		ug/Kg		93	69 - 120

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 720-131005/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131032 — **Prep Batch: 131005**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Heptachlor epoxide	16.6	17.0		ug/Kg		102	68 - 120
4,4'-DDT	16.6	17.3		ug/Kg		104	51 - 120
4,4'-DDE	16.6	18.1		ug/Kg		109	70 - 120
4,4'-DDD	16.6	18.9		ug/Kg		114	69 - 120
Endosulfan I	16.6	17.1		ug/Kg		103	62 - 120
Endosulfan II	16.6	17.9		ug/Kg		108	65 - 120
alpha-BHC	16.6	15.6		ug/Kg		94	70 - 120
beta-BHC	16.6	17.1		ug/Kg		103	81 - 120
gamma-BHC (Lindane)	16.6	15.9		ug/Kg		96	72 - 120
delta-BHC	16.6	16.7		ug/Kg		100	74 - 120
Endosulfan sulfate	16.6	18.8		ug/Kg		113	67 - 120
Methoxychlor	16.6	19.4		ug/Kg		117	61 - 142
alpha-Chlordane	16.6	17.3		ug/Kg		104	70 - 120
gamma-Chlordane	16.6	17.2		ug/Kg		103	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*95*		*57 - 122*
DCB Decachlorobiphenyl	*115*		*21 - 136*

Lab Sample ID: LCSD 720-131005/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131032 — **Prep Batch: 131005**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	16.6	16.4		ug/Kg		98	65 - 120	NaN	20
Dieldrin	16.6	17.5		ug/Kg		105	72 - 120	NaN	20
Endrin aldehyde	16.6	17.5		ug/Kg		105	57 - 120	NaN	20
Endrin	16.6	16.9		ug/Kg		102	68 - 120	NaN	20
Endrin ketone	16.6	18.4		ug/Kg		111	67 - 120	NaN	20
Heptachlor	16.6	15.8		ug/Kg		95	69 - 120	NaN	20
Heptachlor epoxide	16.6	17.2		ug/Kg		103	68 - 120	NaN	20
4,4'-DDT	16.6	17.4		ug/Kg		105	51 - 120	NaN	20
4,4'-DDE	16.6	18.2		ug/Kg		110	70 - 120	NaN	20
4,4'-DDD	16.6	19.0		ug/Kg		114	69 - 120	NaN	20
Endosulfan I	16.6	17.3		ug/Kg		104	62 - 120	NaN	20
Endosulfan II	16.6	18.0		ug/Kg		108	65 - 120	NaN	35
alpha-BHC	16.6	15.8		ug/Kg		95	70 - 120	NaN	20
beta-BHC	16.6	17.1		ug/Kg		103	81 - 120	NaN	20
gamma-BHC (Lindane)	16.6	16.0		ug/Kg		96	72 - 120	NaN	20
delta-BHC	16.6	16.8		ug/Kg		101	74 - 120	NaN	20
Endosulfan sulfate	16.6	18.9		ug/Kg		114	67 - 120	NaN	20
Methoxychlor	16.6	19.7		ug/Kg		119	61 - 142	NaN	20
alpha-Chlordane	16.6	17.5		ug/Kg		105	70 - 120	NaN	20
gamma-Chlordane	16.6	17.4		ug/Kg		105	68 - 120	NaN	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*94*		*57 - 122*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 720-131005/3-A
Matrix: Solid
Analysis Batch: 131032

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131005

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*114*		*21 - 136*

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Lab Sample ID: MB 320-10844/1-A
Matrix: Solid
Analysis Batch: 11032

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10844

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		1.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
2,3,7,8-TCDF	ND		1.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
1,2,3,7,8-PeCDD	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
1,2,3,7,8-PeCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
2,3,4,7,8-PeCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
1,2,3,4,7,8-HxCDD	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
1,2,3,6,7,8-HxCDD	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
1,2,3,7,8,9-HxCDD	ND	q	5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
1,2,3,4,7,8-HxCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
1,2,3,6,7,8-HxCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
1,2,3,7,8,9-HxCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
2,3,4,6,7,8-HxCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
1,2,3,4,6,7,8-HpCDD	ND	q	5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
1,2,3,4,6,7,8-HpCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
1,2,3,4,7,8,9-HpCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
OCDD	ND	q	10	pg/g		02/20/13 14:29	02/22/13 11:56	1
OCDF	ND		10	pg/g		02/20/13 14:29	02/22/13 11:56	1
Total TCDD	ND		1.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
Total TCDF	ND		1.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
Total PeCDD	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
Total PeCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
Total HxCDD	ND	q	5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
Total HxCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
Total HpCDD	ND	q	5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1
Total HpCDF	ND		5.0	pg/g		02/20/13 14:29	02/22/13 11:56	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*76*		*25 - 164*	*02/20/13 14:29*	*02/22/13 11:56*	*1*
13C-2,3,7,8-TCDF	*82*		*24 - 169*	*02/20/13 14:29*	*02/22/13 11:56*	*1*
13C-1,2,3,7,8-PeCDD	*71*		*25 - 181*	*02/20/13 14:29*	*02/22/13 11:56*	*1*
13C-1,2,3,7,8-PeCDF	*74*		*24 - 185*	*02/20/13 14:29*	*02/22/13 11:56*	*1*
13C-2,3,4,7,8-PeCDF	*80*		*21 - 178*	*02/20/13 14:29*	*02/22/13 11:56*	*1*
13C-1,2,3,4,7,8-HxCDD	*85*		*32 - 141*	*02/20/13 14:29*	*02/22/13 11:56*	*1*
13C-1,2,3,6,7,8-HxCDD	*94*		*28 - 130*	*02/20/13 14:29*	*02/22/13 11:56*	*1*
13C-1,2,3,4,7,8-HxCDF	*80*		*26 - 152*	*02/20/13 14:29*	*02/22/13 11:56*	*1*
13C-1,2,3,6,7,8-HxCDF	*88*		*26 - 123*	*02/20/13 14:29*	*02/22/13 11:56*	*1*
13C-1,2,3,7,8,9-HxCDF	*76*		*29 - 147*	*02/20/13 14:29*	*02/22/13 11:56*	*1*
13C-2,3,4,6,7,8-HxCDF	*81*		*28 - 136*	*02/20/13 14:29*	*02/22/13 11:56*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*72*		*23 - 140*	*02/20/13 14:29*	*02/22/13 11:56*	*1*

Method: 1613B - Dioxins and Furans (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-10844/1-A
Matrix: Solid
Analysis Batch: 11032

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 10844

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDF	84		28 - 143	02/20/13 14:29	02/22/13 11:56	1
13C-1,2,3,4,7,8,9-HpCDF	83		26 - 138	02/20/13 14:29	02/22/13 11:56	1
13C-OCDD	68		17 - 157	02/20/13 14:29	02/22/13 11:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
37Cl4-2,3,7,8-TCDD	108		35 - 197	02/20/13 14:29	02/22/13 11:56	1

Lab Sample ID: LCS 320-10844/2-A
Matrix: Solid
Analysis Batch: 11032

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 10844

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,3,7,8-TCDD	20.0	21.2		pg/g		106	67 - 158
2,3,7,8-TCDF	20.0	18.9		pg/g		95	75 - 158
1,2,3,7,8-PeCDD	100	97.9		pg/g		98	70 - 142
1,2,3,7,8-PeCDF	100	99.1		pg/g		99	80 - 134
2,3,4,7,8-PeCDF	100	90.8		pg/g		91	68 - 160
1,2,3,4,7,8-HxCDD	100	92.3		pg/g		92	70 - 164
1,2,3,6,7,8-HxCDD	100	95.3		pg/g		95	76 - 134
1,2,3,7,8,9-HxCDD	100	93.6		pg/g		94	64 - 162
1,2,3,4,7,8-HxCDF	100	89.0		pg/g		89	72 - 134
1,2,3,6,7,8-HxCDF	100	96.4		pg/g		96	84 - 130
1,2,3,7,8,9-HxCDF	100	100		pg/g		100	78 - 130
2,3,4,6,7,8-HxCDF	100	98.0		pg/g		98	70 - 156
1,2,3,4,6,7,8-HpCDD	100	103		pg/g		103	70 - 140
1,2,3,4,6,7,8-HpCDF	100	97.3		pg/g		97	82 - 122
1,2,3,4,7,8,9-HpCDF	100	88.8		pg/g		89	78 - 138
OCDD	200	193		pg/g		97	78 - 144
OCDF	200	197		pg/g		98	63 - 170

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C-2,3,7,8-TCDD	79		20 - 175
13C-2,3,7,8-TCDF	84		22 - 152
13C-1,2,3,7,8-PeCDD	73		21 - 227
13C-1,2,3,7,8-PeCDF	75		21 - 192
13C-2,3,4,7,8-PeCDF	82		13 - 328
13C-1,2,3,4,7,8-HxCDD	86		21 - 193
13C-1,2,3,6,7,8-HxCDD	94		25 - 163
13C-1,2,3,4,7,8-HxCDF	84		19 - 202
13C-1,2,3,6,7,8-HxCDF	87		21 - 159
13C-1,2,3,7,8,9-HxCDF	75		17 - 205
13C-2,3,4,6,7,8-HxCDF	83		22 - 176
13C-1,2,3,4,6,7,8-HpCDD	69		26 - 166
13C-1,2,3,4,6,7,8-HpCDF	87		21 - 158
13C-1,2,3,4,7,8,9-HpCDF	83		20 - 186
13C-OCDD	67		13 - 199

Method: 1613B - Dioxins and Furans (HRGC/HRMS) (Continued)

Lab Sample ID: LCS 320-10844/2-A
Matrix: Solid
Analysis Batch: 11032

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 10844

Surrogate	LCS %Recovery	LCS Qualifier	Limits
37Cl4-2,3,7,8-TCDD	105		35 - 197

Lab Sample ID: LCSD 320-10844/3-A
Matrix: Solid
Analysis Batch: 11032

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 10844

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,3,7,8-TCDD	20.0	21.7		pg/g		108	67 - 158	2	50
2,3,7,8-TCDF	20.0	19.6		pg/g		98	75 - 158	3	50
1,2,3,7,8-PeCDD	100	99.4		pg/g		99	70 - 142	1	50
1,2,3,7,8-PeCDF	100	102		pg/g		102	80 - 134	3	50
2,3,4,7,8-PeCDF	100	94.0		pg/g		94	68 - 160	3	50
1,2,3,4,7,8-HxCDD	100	91.2		pg/g		91	70 - 164	1	50
1,2,3,6,7,8-HxCDD	100	96.2		pg/g		96	76 - 134	1	50
1,2,3,7,8,9-HxCDD	100	93.3		pg/g		93	64 - 162	0	50
1,2,3,4,7,8-HxCDF	100	89.1		pg/g		89	72 - 134	0	50
1,2,3,6,7,8-HxCDF	100	99.5		pg/g		99	84 - 130	3	50
1,2,3,7,8,9-HxCDF	100	94.6		pg/g		95	78 - 130	6	50
2,3,4,6,7,8-HxCDF	100	98.2		pg/g		98	70 - 156	0	50
1,2,3,4,6,7,8-HpCDD	100	104		pg/g		104	70 - 140	1	50
1,2,3,4,6,7,8-HpCDF	100	102		pg/g		102	82 - 122	4	50
1,2,3,4,7,8,9-HpCDF	100	89.4		pg/g		89	78 - 138	1	50
OCDD	200	204		pg/g		102	78 - 144	6	50
OCDF	200	201		pg/g		101	63 - 170	2	50

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C-2,3,7,8-TCDD	80		20 - 175
13C-2,3,7,8-TCDF	84		22 - 152
13C-1,2,3,7,8-PeCDD	74		21 - 227
13C-1,2,3,7,8-PeCDF	77		21 - 192
13C-2,3,4,7,8-PeCDF	84		13 - 328
13C-1,2,3,4,7,8-HxCDD	91		21 - 193
13C-1,2,3,6,7,8-HxCDD	101		25 - 163
13C-1,2,3,4,7,8-HxCDF	88		19 - 202
13C-1,2,3,6,7,8-HxCDF	91		21 - 159
13C-1,2,3,7,8,9-HxCDF	81		17 - 205
13C-2,3,4,6,7,8-HxCDF	88		22 - 176
13C-1,2,3,4,6,7,8-HpCDD	74		26 - 166
13C-1,2,3,4,6,7,8-HpCDF	87		21 - 158
13C-1,2,3,4,7,8,9-HpCDF	91		20 - 186
13C-OCDD	73		13 - 199

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
37Cl4-2,3,7,8-TCDD	103		35 - 197

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-130860/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130905 — **Prep Batch: 130860**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Arsenic	ND		1.0		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Barium	ND		0.50		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Beryllium	ND		0.10		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Cadmium	ND		0.13		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Chromium	ND		0.50		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Cobalt	ND		0.20		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Copper	ND		1.5		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Lead	ND		0.50		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Molybdenum	ND		0.50		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Nickel	ND		0.50		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Selenium	ND		1.0		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Silver	ND		0.25		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Thallium	ND		0.50		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Vanadium	ND		0.50		mg/Kg		02/18/13 19:26	02/19/13 11:42	1
Zinc	ND		1.5		mg/Kg		02/18/13 19:26	02/19/13 11:42	1

Lab Sample ID: LCS 720-130860/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130905 — **Prep Batch: 130860**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony			50.0	45.6		mg/Kg		91	80 - 120		
Arsenic			50.0	47.2		mg/Kg		94	80 - 120		
Barium			50.0	49.9		mg/Kg		100	80 - 120		
Beryllium			50.0	49.7		mg/Kg		99	80 - 120		
Cadmium			50.0	47.8		mg/Kg		96	80 - 120		
Chromium			50.0	48.4		mg/Kg		97	80 - 120		
Cobalt			50.0	48.9		mg/Kg		98	80 - 120		
Copper			50.0	48.9		mg/Kg		98	80 - 120		
Lead			50.0	48.8		mg/Kg		98	80 - 120		
Molybdenum			50.0	49.3		mg/Kg		99	80 - 120		
Nickel			50.0	48.8		mg/Kg		98	80 - 120		
Selenium			50.0	46.0		mg/Kg		92	80 - 120		
Silver			25.0	24.0		mg/Kg		96	80 - 120		
Thallium			50.0	48.9		mg/Kg		98	80 - 120		
Vanadium			50.0	48.6		mg/Kg		97	80 - 120		
Zinc			50.0	47.6		mg/Kg		95	80 - 120		

Lab Sample ID: LCSD 720-130860/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130905 — **Prep Batch: 130860**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony			50.0	47.7		mg/Kg		95	80 - 120	5	20
Arsenic			50.0	48.9		mg/Kg		98	80 - 120	4	20
Barium			50.0	50.5		mg/Kg		101	80 - 120	1	20
Beryllium			50.0	50.7		mg/Kg		101	80 - 120	2	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 720-130860/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130905 — **Prep Batch: 130860**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	50.0	49.1		mg/Kg		98	80 - 120	3	20
Chromium	50.0	50.0		mg/Kg		100	80 - 120	3	20
Cobalt	50.0	50.6		mg/Kg		101	80 - 120	4	20
Copper	50.0	50.0		mg/Kg		100	80 - 120	2	20
Lead	50.0	50.2		mg/Kg		100	80 - 120	3	20
Molybdenum	50.0	50.9		mg/Kg		102	80 - 120	3	20
Nickel	50.0	50.3		mg/Kg		101	80 - 120	3	20
Selenium	50.0	47.4		mg/Kg		95	80 - 120	3	20
Silver	25.0	24.3		mg/Kg		97	80 - 120	1	20
Thallium	50.0	50.1		mg/Kg		100	80 - 120	2	20
Vanadium	50.0	49.6		mg/Kg		99	80 - 120	2	20
Zinc	50.0	49.3		mg/Kg		99	80 - 120	4	20

Lab Sample ID: LCSSRM 720-130860/25-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130905 — **Prep Batch: 130860**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	76.3	35.3		mg/Kg		46	11 - 101
Arsenic	84.1	79.7		mg/Kg		95	69 - 119
Barium	517	487		mg/Kg		94	61 - 117
Beryllium	153	145		mg/Kg		95	56 - 102
Cadmium	42.0	39.6		mg/Kg		94	67 - 118
Chromium	269	258		mg/Kg		96	67 - 121
Cobalt	323	311		mg/Kg		96	64 - 133
Copper	263	255		mg/Kg		97	68 - 126
Lead	280	263		mg/Kg		94	62 - 113
Molybdenum	215	211		mg/Kg		98	62 - 128
Nickel	106	99.4		mg/Kg		94	65 - 117
Selenium	138	128		mg/Kg		92	63 - 126
Silver	50.4	48.7		mg/Kg		97	51 - 130
Thallium	331	312		mg/Kg		94	64 - 124
Vanadium	142	136		mg/Kg		95	67 - 123
Zinc	574	537		mg/Kg		94	62 - 110

Lab Sample ID: MB 720-130866/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130972 — **Prep Batch: 130866**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Arsenic	ND		1.0	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Barium	ND		0.50	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Beryllium	ND		0.10	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Cadmium	ND		0.13	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Chromium	ND		0.50	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Cobalt	ND		0.20	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Copper	ND		1.5	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Lead	ND		0.50	mg/Kg		02/18/13 20:46	02/20/13 11:42	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 720-130866/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130972 — **Prep Batch: 130866**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		0.50	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Nickel	ND		0.50	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Selenium	ND		1.0	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Silver	ND		0.25	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Thallium	ND		0.50	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Vanadium	ND		0.50	mg/Kg		02/18/13 20:46	02/20/13 11:42	1
Zinc	3.27		1.5	mg/Kg		02/18/13 20:46	02/20/13 11:42	1

Lab Sample ID: LCS 720-130866/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130972 — **Prep Batch: 130866**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	47.5		mg/Kg		95	80 - 120
Arsenic	50.0	48.4		mg/Kg		97	80 - 120
Barium	50.0	49.9		mg/Kg		100	80 - 120
Beryllium	50.0	49.9		mg/Kg		100	80 - 120
Cadmium	50.0	48.1		mg/Kg		96	80 - 120
Chromium	50.0	50.0		mg/Kg		100	80 - 120
Cobalt	50.0	49.9		mg/Kg		100	80 - 120
Copper	50.0	49.7		mg/Kg		99	80 - 120
Lead	50.0	49.5		mg/Kg		99	80 - 120
Molybdenum	50.0	49.8		mg/Kg		100	80 - 120
Nickel	50.0	50.0		mg/Kg		100	80 - 120
Selenium	50.0	46.8		mg/Kg		94	80 - 120
Silver	25.0	23.7		mg/Kg		95	80 - 120
Thallium	50.0	49.7		mg/Kg		99	80 - 120
Vanadium	50.0	48.9		mg/Kg		98	80 - 120
Zinc	50.0	48.7		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 720-130866/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130972 — **Prep Batch: 130866**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	50.0	48.6		mg/Kg		97	80 - 120	2	20
Arsenic	50.0	49.3		mg/Kg		99	80 - 120	2	20
Barium	50.0	52.6		mg/Kg		105	80 - 120	5	20
Beryllium	50.0	52.0		mg/Kg		104	80 - 120	4	20
Cadmium	50.0	48.9		mg/Kg		98	80 - 120	2	20
Chromium	50.0	51.8		mg/Kg		104	80 - 120	4	20
Cobalt	50.0	50.8		mg/Kg		102	80 - 120	2	20
Copper	50.0	50.6		mg/Kg		101	80 - 120	2	20
Lead	50.0	50.5		mg/Kg		101	80 - 120	2	20
Molybdenum	50.0	50.5		mg/Kg		101	80 - 120	1	20
Nickel	50.0	50.8		mg/Kg		102	80 - 120	2	20
Selenium	50.0	47.8		mg/Kg		96	80 - 120	2	20
Silver	25.0	24.0		mg/Kg		96	80 - 120	1	20
Thallium	50.0	50.3		mg/Kg		101	80 - 120	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 720-130866/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130972 — **Prep Batch: 130866**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vanadium	50.0	50.4		mg/Kg		101	80 - 120	3	20
Zinc	50.0	49.6		mg/Kg		99	80 - 120	2	20

Lab Sample ID: LCSSRM 720-130866/12-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130972 — **Prep Batch: 130866**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	76.3	28.0		mg/Kg		37	11 - 101
Arsenic	84.1	77.6		mg/Kg		92	69 - 119
Barium	517	466		mg/Kg		90	61 - 117
Beryllium	153	146		mg/Kg		96	56 - 102
Cadmium	42.0	39.3		mg/Kg		94	67 - 118
Chromium	269	249		mg/Kg		93	67 - 121
Cobalt	323	308		mg/Kg		95	64 - 133
Copper	263	245		mg/Kg		93	68 - 126
Lead	280	258		mg/Kg		92	62 - 113
Molybdenum	215	194		mg/Kg		90	62 - 128
Nickel	106	96.4		mg/Kg		91	65 - 117
Selenium	138	122		mg/Kg		89	63 - 126
Silver	50.4	46.7		mg/Kg		93	51 - 130
Thallium	331	310		mg/Kg		94	64 - 124
Vanadium	142	130		mg/Kg		92	67 - 123
Zinc	574	527		mg/Kg		92	62 - 110

Lab Sample ID: 720-47837-7 MS — **Client Sample ID: SP-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130972 — **Prep Batch: 130866**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		47.6	20.5	F	mg/Kg		43	75 - 125
Arsenic	5.9		47.6	59.2		mg/Kg		112	75 - 125
Barium	350		47.6	380	4	mg/Kg		70	75 - 125
Beryllium	0.84		47.6	67.4	F	mg/Kg		140	75 - 125
Cadmium	ND		47.6	56.0		mg/Kg		118	75 - 125
Chromium	34		47.6	103	F	mg/Kg		145	75 - 125
Cobalt	13		47.6	70.6		mg/Kg		121	75 - 125
Copper	29		47.6	92.2	F	mg/Kg		134	75 - 125
Lead	12		47.6	68.0		mg/Kg		118	75 - 125
Molybdenum	ND		47.6	45.0		mg/Kg		94	75 - 125
Nickel	37		47.6	95.7		mg/Kg		124	75 - 125
Selenium	ND		47.6	52.9		mg/Kg		111	75 - 125
Silver	ND		23.8	31.0	F	mg/Kg		130	75 - 125
Thallium	ND		47.6	56.9		mg/Kg		119	75 - 125
Vanadium	51		47.6	119	F	mg/Kg		142	75 - 125
Zinc	51	B	47.6	112	F	mg/Kg		127	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-47837-7 MSD — **Client Sample ID: SP-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 130972 — **Prep Batch: 130866**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		49.5	20.5	F	mg/Kg		41	75 - 125	0	20
Arsenic	5.9		49.5	60.5		mg/Kg		110	75 - 125	2	20
Barium	350		49.5	385	4	mg/Kg		77	75 - 125	1	20
Beryllium	0.84		49.5	68.7	F	mg/Kg		137	75 - 125	2	20
Cadmium	ND		49.5	58.1		mg/Kg		117	75 - 125	4	20
Chromium	34		49.5	105	F	mg/Kg		144	75 - 125	2	20
Cobalt	13		49.5	71.6		mg/Kg		119	75 - 125	1	20
Copper	29		49.5	94.9	F	mg/Kg		134	75 - 125	3	20
Lead	12		49.5	70.0		mg/Kg		118	75 - 125	3	20
Molybdenum	ND		49.5	45.6		mg/Kg		91	75 - 125	1	20
Nickel	37		49.5	97.7		mg/Kg		123	75 - 125	2	20
Selenium	ND		49.5	54.1		mg/Kg		109	75 - 125	2	20
Silver	ND		24.8	32.8	F	mg/Kg		133	75 - 125	6	20
Thallium	ND		49.5	58.7		mg/Kg		119	75 - 125	3	20
Vanadium	51		49.5	123	F	mg/Kg		146	75 - 125	4	20
Zinc	51	B	49.5	115	F	mg/Kg		129	75 - 125	3	20

Lab Sample ID: MB 720-131610/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total Recoverable**
Analysis Batch: 131631 — **Prep Batch: 131610**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050	mg/L		03/04/13 09:36	03/04/13 12:30	1
Chromium	ND		0.010	mg/L		03/04/13 09:36	03/04/13 12:30	1

Lab Sample ID: LCS 720-131610/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total Recoverable**
Analysis Batch: 131631 — **Prep Batch: 131610**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.958		mg/L		96	80 - 120
Chromium	1.00	0.941		mg/L		94	80 - 120

Lab Sample ID: LCSD 720-131610/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total Recoverable**
Analysis Batch: 131631 — **Prep Batch: 131610**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1.00	0.974		mg/L		97	80 - 120	2	20
Chromium	1.00	0.966		mg/L		97	80 - 120	3	20

Lab Sample ID: LB4 720-131525/1-B LB4 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: STLC Citrate**
Analysis Batch: 131631 — **Prep Batch: 131610**

Analyte	LB4 Result	LB4 Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.13	mg/L		03/04/13 09:36	03/04/13 13:30	2.5
Chromium	ND		0.25	mg/L		03/04/13 09:36	03/04/13 13:30	2.5

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-130857/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131003 — **Prep Batch: 130857**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/18/13 17:56	02/20/13 18:43	1

Lab Sample ID: LCS 720-130857/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131003 — **Prep Batch: 130857**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.833	0.828		mg/Kg		99	80 - 120		

Lab Sample ID: LCSD 720-130857/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131003 — **Prep Batch: 130857**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.833	0.831		mg/Kg		100	80 - 120	0	20

Lab Sample ID: MB 720-130863/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131008 — **Prep Batch: 130863**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/18/13 20:23	02/20/13 20:11	1

Lab Sample ID: LCS 720-130863/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131008 — **Prep Batch: 130863**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.833	0.832		mg/Kg		100	80 - 120		

Lab Sample ID: LCSD 720-130863/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131008 — **Prep Batch: 130863**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.833	0.831		mg/Kg		100	80 - 120	0	20

Lab Sample ID: 720-47837-5 MS — **Client Sample ID: SP-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131008 — **Prep Batch: 130863**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.023		0.758	0.773		mg/Kg		99	75 - 125		

Lab Sample ID: 720-47837-5 MSD — **Client Sample ID: SP-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131008 — **Prep Batch: 130863**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.023		0.769	0.785		mg/Kg		99	75 - 125	2	20

Method: SM 2310B - Acidity

Lab Sample ID: MB 440-88555/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 88623

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acidity	ND		2.0		mg/Kg			02/28/13 15:00	1

Lab Sample ID: LCS 440-88555/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 88623

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acidity			790	720		mg/Kg		91	90 - 110		

Lab Sample ID: 720-47837-11 DU — **Client Sample ID: WR**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 88623

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acidity	ND			ND		mg/Kg				NC	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

GC/MS VOA

Analysis Batch: 130938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-3	SP-1	Total/NA	Solid	8260B	130955
720-47837-4	SP-2	Total/NA	Solid	8260B	130955
720-47837-5	SP-3	Total/NA	Solid	8260B	130955
720-47837-8	SP-6	Total/NA	Solid	8260B	130955
720-47837-9	SP-7	Total/NA	Solid	8260B	130955
LCS 720-130955/2-A	Lab Control Sample	Total/NA	Solid	8260B	130955
LCS 720-130955/4-A	Lab Control Sample	Total/NA	Solid	8260B	130955
LCSD 720-130955/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	130955
LCSD 720-130955/5-A	Lab Control Sample Dup	Total/NA	Solid	8260B	130955
MB 720-130955/1-A	Method Blank	Total/NA	Solid	8260B	130955

Prep Batch: 130955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-3	SP-1	Total/NA	Solid	5030B	
720-47837-4	SP-2	Total/NA	Solid	5030B	
720-47837-5	SP-3	Total/NA	Solid	5030B	
720-47837-8	SP-6	Total/NA	Solid	5030B	
720-47837-9	SP-7	Total/NA	Solid	5030B	
LCS 720-130955/2-A	Lab Control Sample	Total/NA	Solid	5030B	
LCS 720-130955/4-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 720-130955/3-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
LCSD 720-130955/5-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
MB 720-130955/1-A	Method Blank	Total/NA	Solid	5030B	

Analysis Batch: 131012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-6	SP-4	Total/NA	Solid	8260B	131050
720-47837-7	SP-5	Total/NA	Solid	8260B	131050
LCS 720-131050/2-A	Lab Control Sample	Total/NA	Solid	8260B	131050
LCS 720-131050/4-A	Lab Control Sample	Total/NA	Solid	8260B	131050
LCSD 720-131050/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	131050
LCSD 720-131050/5-A	Lab Control Sample Dup	Total/NA	Solid	8260B	131050
MB 720-131050/1-A	Method Blank	Total/NA	Solid	8260B	131050

Prep Batch: 131050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-6	SP-4	Total/NA	Solid	5030B	
720-47837-7	SP-5	Total/NA	Solid	5030B	
LCS 720-131050/2-A	Lab Control Sample	Total/NA	Solid	5030B	
LCS 720-131050/4-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 720-131050/3-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
LCSD 720-131050/5-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
MB 720-131050/1-A	Method Blank	Total/NA	Solid	5030B	

GC Semi VOA

Prep Batch: 131005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-3	SP-1	Total/NA	Solid	3546	
720-47837-4	SP-2	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 131005 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-5	SP-3	Total/NA	Solid	3546	
720-47837-6	SP-4	Total/NA	Solid	3546	
720-47837-7	SP-5	Total/NA	Solid	3546	
720-47837-8	SP-6	Total/NA	Solid	3546	
720-47837-9	SP-7	Total/NA	Solid	3546	
LCS 720-131005/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-131005/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-131005/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 131032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-3	SP-1	Total/NA	Solid	8081A	131005
720-47837-4	SP-2	Total/NA	Solid	8081A	131005
720-47837-5	SP-3	Total/NA	Solid	8081A	131005
720-47837-6	SP-4	Total/NA	Solid	8081A	131005
720-47837-7	SP-5	Total/NA	Solid	8081A	131005
720-47837-8	SP-6	Total/NA	Solid	8081A	131005
720-47837-9	SP-7	Total/NA	Solid	8081A	131005
LCS 720-131005/2-A	Lab Control Sample	Total/NA	Solid	8081A	131005
LCSD 720-131005/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	131005
MB 720-131005/1-A	Method Blank	Total/NA	Solid	8081A	131005

Prep Batch: 131125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-3	SP-1	Total/NA	Solid	3546	
720-47837-4	SP-2	Total/NA	Solid	3546	
720-47837-5	SP-3	Total/NA	Solid	3546	
720-47837-6	SP-4	Total/NA	Solid	3546	
720-47837-7	SP-5	Total/NA	Solid	3546	
720-47837-8	SP-6	Total/NA	Solid	3546	
LCS 720-131125/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-131125/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-131125/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 131167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-3	SP-1	Total/NA	Solid	8015B	131125
720-47837-4	SP-2	Total/NA	Solid	8015B	131125
720-47837-5	SP-3	Total/NA	Solid	8015B	131125
720-47837-6	SP-4	Total/NA	Solid	8015B	131125
720-47837-7	SP-5	Total/NA	Solid	8015B	131125
720-47837-8	SP-6	Total/NA	Solid	8015B	131125
LCS 720-131125/2-A	Lab Control Sample	Total/NA	Solid	8015B	131125
LCSD 720-131125/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	131125
MB 720-131125/1-A	Method Blank	Total/NA	Solid	8015B	131125

Analysis Batch: 131191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-9	SP-7	Total/NA	Solid	8015B	131208
LCS 720-131208/2-A	Lab Control Sample	Total/NA	Solid	8015B	131208
LCSD 720-131208/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	131208

GC Semi VOA (Continued)

Analysis Batch: 131191 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-131208/1-A	Method Blank	Total/NA	Solid	8015B	131208

Prep Batch: 131208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-9	SP-7	Total/NA	Solid	3546	
LCS 720-131208/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-131208/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-131208/1-A	Method Blank	Total/NA	Solid	3546	

Specialty Organics

Prep Batch: 10844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-1	FLY ASH-1	Total/NA	Solid	HRMS-Sox	
720-47837-2	BOTTOM ASH-1	Total/NA	Solid	HRMS-Sox	
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7	Total/NA	Solid	HRMS-Sox	
LCS 320-10844/2-A	Lab Control Sample	Total/NA	Solid	HRMS-Sox	
LCSD 320-10844/3-A	Lab Control Sample Dup	Total/NA	Solid	HRMS-Sox	
MB 320-10844/1-A	Method Blank	Total/NA	Solid	HRMS-Sox	

Analysis Batch: 11032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-1	FLY ASH-1	Total/NA	Solid	1613B	10844
720-47837-2	BOTTOM ASH-1	Total/NA	Solid	1613B	10844
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7	Total/NA	Solid	1613B	10844
LCS 320-10844/2-A	Lab Control Sample	Total/NA	Solid	1613B	10844
LCSD 320-10844/3-A	Lab Control Sample Dup	Total/NA	Solid	1613B	10844
MB 320-10844/1-A	Method Blank	Total/NA	Solid	1613B	10844

Analysis Batch: 11073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-1	FLY ASH-1	Total/NA	Solid	1613B	10844
720-47837-2	BOTTOM ASH-1	Total/NA	Solid	1613B	10844
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7	Total/NA	Solid	1613B	10844

Metals

Prep Batch: 130857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-1	FLY ASH-1	Total/NA	Solid	7471A	
720-47837-2	BOTTOM ASH-1	Total/NA	Solid	7471A	
720-47837-3	SP-1	Total/NA	Solid	7471A	
720-47837-4	SP-2	Total/NA	Solid	7471A	
LCS 720-130857/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 720-130857/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
MB 720-130857/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 130860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-1	FLY ASH-1	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 130860 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-2	BOTTOM ASH-1	Total/NA	Solid	3050B	
720-47837-3	SP-1	Total/NA	Solid	3050B	
720-47837-4	SP-2	Total/NA	Solid	3050B	
720-47837-5	SP-3	Total/NA	Solid	3050B	
720-47837-6	SP-4	Total/NA	Solid	3050B	
LCS 720-130860/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-130860/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-130860/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-130860/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 130863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-5	SP-3	Total/NA	Solid	7471A	
720-47837-5 MS	SP-3	Total/NA	Solid	7471A	
720-47837-5 MSD	SP-3	Total/NA	Solid	7471A	
720-47837-6	SP-4	Total/NA	Solid	7471A	
720-47837-7	SP-5	Total/NA	Solid	7471A	
720-47837-8	SP-6	Total/NA	Solid	7471A	
720-47837-9	SP-7	Total/NA	Solid	7471A	
720-47837-11	WR	Total/NA	Solid	7471A	
LCS 720-130863/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 720-130863/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
MB 720-130863/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 130866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-7	SP-5	Total/NA	Solid	3050B	
720-47837-7 MS	SP-5	Total/NA	Solid	3050B	
720-47837-7 MSD	SP-5	Total/NA	Solid	3050B	
720-47837-8	SP-6	Total/NA	Solid	3050B	
720-47837-9	SP-7	Total/NA	Solid	3050B	
720-47837-11	WR	Total/NA	Solid	3050B	
LCS 720-130866/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-130866/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-130866/12-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-130866/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 130905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-130860/2-A	Lab Control Sample	Total/NA	Solid	6010B	130860
LCSD 720-130860/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	130860
LCSSRM 720-130860/25-A	Lab Control Sample	Total/NA	Solid	6010B	130860
MB 720-130860/1-A	Method Blank	Total/NA	Solid	6010B	130860

Analysis Batch: 130948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-1	FLY ASH-1	Total/NA	Solid	6010B	130860
720-47837-2	BOTTOM ASH-1	Total/NA	Solid	6010B	130860
720-47837-3	SP-1	Total/NA	Solid	6010B	130860
720-47837-4	SP-2	Total/NA	Solid	6010B	130860
720-47837-5	SP-3	Total/NA	Solid	6010B	130860

Metals (Continued)

Analysis Batch: 130948 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-6	SP-4	Total/NA	Solid	6010B	130860

Analysis Batch: 130972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-7	SP-5	Total/NA	Solid	6010B	130866
720-47837-7 MS	SP-5	Total/NA	Solid	6010B	130866
720-47837-7 MSD	SP-5	Total/NA	Solid	6010B	130866
720-47837-8	SP-6	Total/NA	Solid	6010B	130866
720-47837-9	SP-7	Total/NA	Solid	6010B	130866
720-47837-11	WR	Total/NA	Solid	6010B	130866
LCS 720-130866/2-A	Lab Control Sample	Total/NA	Solid	6010B	130866
LCSD 720-130866/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	130866
LCSSRM 720-130866/12-A	Lab Control Sample	Total/NA	Solid	6010B	130866
MB 720-130866/1-A	Method Blank	Total/NA	Solid	6010B	130866

Analysis Batch: 131003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-1	FLY ASH-1	Total/NA	Solid	7471A	130857
720-47837-2	BOTTOM ASH-1	Total/NA	Solid	7471A	130857
720-47837-3	SP-1	Total/NA	Solid	7471A	130857
720-47837-4	SP-2	Total/NA	Solid	7471A	130857
LCS 720-130857/2-A	Lab Control Sample	Total/NA	Solid	7471A	130857
LCSD 720-130857/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	130857
MB 720-130857/1-A	Method Blank	Total/NA	Solid	7471A	130857

Analysis Batch: 131008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-5	SP-3	Total/NA	Solid	7471A	130863
720-47837-5 MS	SP-3	Total/NA	Solid	7471A	130863
720-47837-5 MSD	SP-3	Total/NA	Solid	7471A	130863
720-47837-6	SP-4	Total/NA	Solid	7471A	130863
720-47837-7	SP-5	Total/NA	Solid	7471A	130863
720-47837-8	SP-6	Total/NA	Solid	7471A	130863
720-47837-9	SP-7	Total/NA	Solid	7471A	130863
720-47837-11	WR	Total/NA	Solid	7471A	130863
LCS 720-130863/2-A	Lab Control Sample	Total/NA	Solid	7471A	130863
LCSD 720-130863/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	130863
MB 720-130863/1-A	Method Blank	Total/NA	Solid	7471A	130863

Leach Batch: 131525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-1	FLY ASH-1	STLC Citrate	Solid	CA WET Citrate	
720-47837-9	SP-7	STLC Citrate	Solid	CA WET Citrate	
720-47837-11	WR	STLC Citrate	Solid	CA WET Citrate	
LB4 720-131525/1-B LB4	Method Blank	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 131610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-1	FLY ASH-1	STLC Citrate	Solid	3005A	131525
720-47837-9	SP-7	STLC Citrate	Solid	3005A	131525
720-47837-11	WR	STLC Citrate	Solid	3005A	131525

Metals (Continued)

Prep Batch: 131610 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB4 720-131525/1-B LB4	Method Blank	STLC Citrate	Solid	3005A	131525
LCS 720-131610/2-A	Lab Control Sample	Total Recoverable	Solid	3005A	
LCSD 720-131610/3-A	Lab Control Sample Dup	Total Recoverable	Solid	3005A	
MB 720-131610/1-A	Method Blank	Total Recoverable	Solid	3005A	

Analysis Batch: 131631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-1	FLY ASH-1	STLC Citrate	Solid	6010B	131610
720-47837-9	SP-7	STLC Citrate	Solid	6010B	131610
720-47837-11	WR	STLC Citrate	Solid	6010B	131610
LB4 720-131525/1-B LB4	Method Blank	STLC Citrate	Solid	6010B	131610
LCS 720-131610/2-A	Lab Control Sample	Total Recoverable	Solid	6010B	131610
LCSD 720-131610/3-A	Lab Control Sample Dup	Total Recoverable	Solid	6010B	131610
MB 720-131610/1-A	Method Blank	Total Recoverable	Solid	6010B	131610

General Chemistry

Leach Batch: 88555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-11	WR	Soluble	Solid	DI Leach	
720-47837-11 DU	WR	Soluble	Solid	DI Leach	
LCS 440-88555/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
MB 440-88555/1-A	Method Blank	Soluble	Solid	DI Leach	

Analysis Batch: 88623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47837-11	WR	Soluble	Solid	SM 2310B	88555
720-47837-11 DU	WR	Soluble	Solid	SM 2310B	88555
LCS 440-88555/2-A	Lab Control Sample	Soluble	Solid	SM 2310B	88555
MB 440-88555/1-A	Method Blank	Soluble	Solid	SM 2310B	88555

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: FLY ASH-1

Lab Sample ID: 720-47837-1

Date Collected: 02/14/13 12:35

Matrix: Solid

Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	HRMS-Sox			10844	02/20/13 14:29	EN	TAL WSC
Total/NA	Analysis	1613B		1	11032	02/22/13 12:39	MG	TAL WSC
Total/NA	Analysis	1613B		1	11073	02/23/13 18:29	MG	TAL WSC
Total/NA	Prep	3050B			130860	02/18/13 19:26	CDT	TAL SF
Total/NA	Analysis	6010B		4	130948	02/19/13 19:05	SK	TAL SF
Total/NA	Prep	7471A			130857	02/18/13 17:56	ET	TAL SF
Total/NA	Analysis	7471A		1	131003	02/20/13 19:47	SK	TAL SF
STLC Citrate	Leach	CA WET Citrate			131525	03/02/13 09:42	ET	TAL SF
STLC Citrate	Prep	3005A			131610	03/04/13 09:36	ET	TAL SF
STLC Citrate	Analysis	6010B		2.5	131631	03/04/13 13:35	EFH	TAL SF

Client Sample ID: BOTTOM ASH-1

Lab Sample ID: 720-47837-2

Date Collected: 02/14/13 10:30

Matrix: Solid

Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	HRMS-Sox			10844	02/20/13 14:29	EN	TAL WSC
Total/NA	Analysis	1613B		1	11032	02/22/13 13:22	MG	TAL WSC
Total/NA	Analysis	1613B		1	11073	02/24/13 00:43	MG	TAL WSC
Total/NA	Prep	3050B			130860	02/18/13 19:26	CDT	TAL SF
Total/NA	Analysis	6010B		4	130948	02/19/13 19:10	SK	TAL SF
Total/NA	Prep	7471A			130857	02/18/13 17:56	ET	TAL SF
Total/NA	Analysis	7471A		1	131003	02/20/13 19:50	SK	TAL SF

Client Sample ID: SP-1

Lab Sample ID: 720-47837-3

Date Collected: 02/14/13 10:45

Matrix: Solid

Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130955	02/20/13 10:12	PD	TAL SF
Total/NA	Analysis	8260B		1	130938	02/20/13 13:16	PD	TAL SF
Total/NA	Prep	3546			131005	02/20/13 20:05	DFR	TAL SF
Total/NA	Analysis	8081A		1	131032	02/22/13 00:04	JZ	TAL SF
Total/NA	Prep	3546			131125	02/22/13 14:07	DT	TAL SF
Total/NA	Analysis	8015B		1	131167	02/23/13 16:36	DH	TAL SF
Total/NA	Prep	3050B			130860	02/18/13 19:26	CDT	TAL SF
Total/NA	Analysis	6010B		4	130948	02/19/13 19:14	SK	TAL SF
Total/NA	Prep	7471A			130857	02/18/13 17:56	ET	TAL SF
Total/NA	Analysis	7471A		1	131003	02/20/13 19:52	SK	TAL SF

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-2

Lab Sample ID: 720-47837-4

Date Collected: 02/14/13 11:00
Matrix: Solid
Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130955	02/20/13 10:12	PD	TAL SF
Total/NA	Analysis	8260B		1	130938	02/20/13 13:45	PD	TAL SF
Total/NA	Prep	3546			131005	02/20/13 20:05	DFR	TAL SF
Total/NA	Analysis	8081A		1	131032	02/22/13 00:21	JZ	TAL SF
Total/NA	Prep	3546			131125	02/22/13 14:07	DT	TAL SF
Total/NA	Analysis	8015B		1	131167	02/23/13 17:05	DH	TAL SF
Total/NA	Prep	3050B			130860	02/18/13 19:26	CDT	TAL SF
Total/NA	Analysis	6010B		4	130948	02/19/13 19:19	SK	TAL SF
Total/NA	Prep	7471A			130857	02/18/13 17:56	ET	TAL SF
Total/NA	Analysis	7471A		1	131003	02/20/13 19:54	SK	TAL SF

Client Sample ID: SP-3

Lab Sample ID: 720-47837-5

Date Collected: 02/14/13 11:10
Matrix: Solid
Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130955	02/20/13 10:12	PD	TAL SF
Total/NA	Analysis	8260B		1	130938	02/20/13 14:14	PD	TAL SF
Total/NA	Prep	3546			131005	02/20/13 20:05	DFR	TAL SF
Total/NA	Analysis	8081A		1	131032	02/22/13 00:37	JZ	TAL SF
Total/NA	Prep	3546			131125	02/22/13 14:07	DT	TAL SF
Total/NA	Analysis	8015B		1	131167	02/23/13 17:34	DH	TAL SF
Total/NA	Prep	3050B			130860	02/18/13 19:26	CDT	TAL SF
Total/NA	Analysis	6010B		4	130948	02/19/13 19:23	SK	TAL SF
Total/NA	Prep	7471A			130863	02/18/13 20:23	CDT	TAL SF
Total/NA	Analysis	7471A		1	131008	02/20/13 20:22	SK	TAL SF

Client Sample ID: SP-4

Lab Sample ID: 720-47837-6

Date Collected: 02/14/13 11:20
Matrix: Solid
Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			131050	02/21/13 08:00	PD	TAL SF
Total/NA	Analysis	8260B		1	131012	02/21/13 15:23	PD	TAL SF
Total/NA	Prep	3546			131005	02/20/13 20:05	DFR	TAL SF
Total/NA	Analysis	8081A		1	131032	02/22/13 00:54	JZ	TAL SF
Total/NA	Prep	3546			131125	02/22/13 14:07	DT	TAL SF
Total/NA	Analysis	8015B		1	131167	02/23/13 18:03	DH	TAL SF
Total/NA	Prep	3050B			130860	02/18/13 19:26	CDT	TAL SF
Total/NA	Analysis	6010B		4	130948	02/19/13 19:28	SK	TAL SF
Total/NA	Prep	7471A			130863	02/18/13 20:23	CDT	TAL SF
Total/NA	Analysis	7471A		1	131008	02/20/13 20:25	SK	TAL SF

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-5

Lab Sample ID: 720-47837-7

Date Collected: 02/14/13 11:30
Matrix: Solid
Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			131050	02/21/13 08:00	PD	TAL SF
Total/NA	Analysis	8260B		1	131012	02/21/13 15:52	PD	TAL SF
Total/NA	Prep	3546			131005	02/20/13 20:05	DFR	TAL SF
Total/NA	Analysis	8081A		1	131032	02/22/13 01:11	JZ	TAL SF
Total/NA	Prep	3546			131125	02/22/13 14:07	DT	TAL SF
Total/NA	Analysis	8015B		1	131167	02/23/13 18:33	DH	TAL SF
Total/NA	Prep	3050B			130866	02/18/13 20:46	ET	TAL SF
Total/NA	Analysis	6010B		4	130972	02/20/13 12:03	EFH	TAL SF
Total/NA	Prep	7471A			130863	02/18/13 20:23	CDT	TAL SF
Total/NA	Analysis	7471A		1	131008	02/20/13 20:28	SK	TAL SF

Client Sample ID: SP-6

Lab Sample ID: 720-47837-8

Date Collected: 02/14/13 11:50
Matrix: Solid
Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130955	02/20/13 10:12	PD	TAL SF
Total/NA	Analysis	8260B		1	130938	02/20/13 15:39	PD	TAL SF
Total/NA	Prep	3546			131005	02/20/13 20:05	DFR	TAL SF
Total/NA	Analysis	8081A		1	131032	02/22/13 01:27	JZ	TAL SF
Total/NA	Prep	3546			131125	02/22/13 14:07	DT	TAL SF
Total/NA	Analysis	8015B		1	131167	02/23/13 19:02	DH	TAL SF
Total/NA	Prep	3050B			130866	02/18/13 20:46	ET	TAL SF
Total/NA	Analysis	6010B		4	130972	02/20/13 12:12	EFH	TAL SF
Total/NA	Prep	7471A			130863	02/18/13 20:23	CDT	TAL SF
Total/NA	Analysis	7471A		1	131008	02/20/13 20:30	SK	TAL SF

Client Sample ID: SP-7

Lab Sample ID: 720-47837-9

Date Collected: 02/14/13 12:30
Matrix: Solid
Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130955	02/20/13 10:12	PD	TAL SF
Total/NA	Analysis	8260B		1	130938	02/20/13 16:08	PD	TAL SF
Total/NA	Prep	3546			131005	02/20/13 20:05	DFR	TAL SF
Total/NA	Analysis	8081A		1	131032	02/22/13 01:44	JZ	TAL SF
Total/NA	Prep	3546			131208	02/25/13 09:31	MP	TAL SF
Total/NA	Analysis	8015B		1	131191	02/25/13 14:38	DH	TAL SF
Total/NA	Prep	3050B			130866	02/18/13 20:46	ET	TAL SF
Total/NA	Analysis	6010B		4	130972	02/20/13 12:17	EFH	TAL SF
Total/NA	Prep	7471A			130863	02/18/13 20:23	CDT	TAL SF
Total/NA	Analysis	7471A		1	131008	02/20/13 20:32	SK	TAL SF
STLC Citrate	Leach	CA WET Citrate			131525	03/02/13 09:42	ET	TAL SF

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Client Sample ID: SP-7

Lab Sample ID: 720-47837-9

Date Collected: 02/14/13 12:30
Matrix: Solid
Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Prep	3005A			131610	03/04/13 09:36	ET	TAL SF
STLC Citrate	Analysis	6010B		2.5	131631	03/04/13 13:39	EFH	TAL SF

Client Sample ID: SP-1,-2,-3,-4,-5,-6,-7

Lab Sample ID: 720-47837-10

Date Collected: 02/14/13 10:45
Matrix: Solid
Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	HRMS-Sox			10844	02/20/13 14:29	EN	TAL WSC
Total/NA	Analysis	1613B		1	11032	02/22/13 14:05	MG	TAL WSC
Total/NA	Analysis	1613B		1	11073	02/24/13 00:06	MG	TAL WSC

Client Sample ID: WR

Lab Sample ID: 720-47837-11

Date Collected: 02/14/13 13:00
Matrix: Solid
Date Received: 02/15/13 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130866	02/18/13 20:46	ET	TAL SF
Total/NA	Analysis	6010B		4	130972	02/20/13 12:21	EFH	TAL SF
Total/NA	Prep	7471A			130863	02/18/13 20:23	CDT	TAL SF
Total/NA	Analysis	7471A		1	131008	02/20/13 20:39	SK	TAL SF
STLC Citrate	Leach	CA WET Citrate			131525	03/02/13 09:42	ET	TAL SF
STLC Citrate	Prep	3005A			131610	03/04/13 09:36	ET	TAL SF
STLC Citrate	Analysis	6010B		2.5	131631	03/04/13 13:44	EFH	TAL SF
Soluble	Leach	DI Leach			88555	02/28/13 12:41	NB	TAL IRV
Soluble	Analysis	SM 2310B		1	88623	02/28/13 15:00	NB	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TAL SF = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

TAL WSC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-13
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-14
California	NELAP	9	1108CA	01-31-14
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	02-28-13
Nevada	State Program	9	CA015312007A	07-31-13
Oregon	NELAP	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-15

Laboratory: TestAmerica Sacramento

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		2928-01	01-31-14
Alaska (UST)	State Program	10	UST-055	12-18-13
Arizona	State Program	9	AZ0708	08-11-13
Arkansas DEQ	State Program	6	88-0691	06-17-13
California	NELAP	9	1119CA	01-31-14
Colorado	State Program	8	N/A	08-31-13
Connecticut	State Program	1	PH-0691	06-30-13
Florida	NELAP	4	E87570	06-30-13
Guam	State Program	9	N/A	08-31-13
Hawaii	State Program	9	N/A	01-31-14
Illinois	NELAP	5	200060	03-17-14
Kansas	NELAP	7	E-10375	10-31-13
Louisiana	NELAP	6	30612	06-30-13
Michigan	State Program	5	9947	01-31-14
Nevada	State Program	9	CA44	07-31-13
New Jersey	NELAP	2	CA005	06-30-13
New York	NELAP	2	11666	04-01-13
Northern Mariana Islands	State Program	9	MP0007	02-01-14
Oregon	NELAP	10	CA200005	03-28-14
Pennsylvania	NELAP	3	68-01272	03-31-13
South Carolina	State Program	4	87014	06-30-13
Texas	NELAP	6	T104704399-08-TX	05-31-13
US Fish & Wildlife	Federal		LE148388-0	12-31-13
USDA	Federal		P330-11-00436	12-30-14
USEPA UCMR	Federal	1	CA00044	11-06-14
Utah	NELAP	8	QUAN1	01-31-14
Washington	State Program	10	C581	05-05-13
West Virginia	State Program	3	9930C	12-31-13
West Virginia DEP	State Program	3	334	07-31-13
Wyoming	State Program	8	8TMS-Q	01-31-14

Method Summary

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
8081A	Organochlorine Pesticides (GC)	SW846	TAL SF
1613B	Dioxins and Furans (HRGC/HRMS)	40CFR136A	TAL WSC
6010B	Metals (ICP)	SW846	TAL SF
7471A	Mercury (CVAA)	SW846	TAL SF
SM 2310B	Acidity	SM	TAL IRV

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TAL SF = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

TAL WSC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: Tracy Biomass Facility

TestAmerica Job ID: 720-47837-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-47837-1	FLY ASH-1	Solid	02/14/13 12:35	02/15/13 14:15
720-47837-2	BOTTOM ASH-1	Solid	02/14/13 10:30	02/15/13 14:15
720-47837-3	SP-1	Solid	02/14/13 10:45	02/15/13 14:15
720-47837-4	SP-2	Solid	02/14/13 11:00	02/15/13 14:15
720-47837-5	SP-3	Solid	02/14/13 11:10	02/15/13 14:15
720-47837-6	SP-4	Solid	02/14/13 11:20	02/15/13 14:15
720-47837-7	SP-5	Solid	02/14/13 11:30	02/15/13 14:15
720-47837-8	SP-6	Solid	02/14/13 11:50	02/15/13 14:15
720-47837-9	SP-7	Solid	02/14/13 12:30	02/15/13 14:15
720-47837-10	SP-1,-2,-3,-4,-5,-6,-7	Solid	02/14/13 10:45	02/15/13 14:15
720-47837-11	WR	Solid	02/14/13 13:00	02/15/13 14:15

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-47837 3.7°c

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

144092

TestAmerica Laboratories, Inc.

3/7/2013

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Ted Moise	Site Contact:	Date:	COC No:
TRC	Tel/Fax: (925) 688-2469	Lab Contact:	Carrier:	_____ of _____ COCs
2300 Clayton Road Suite 610	Analysis Turnaround Time			For Lab Use Only:
Concord Caloifornia	Calendar (C) or Work Days (W) _____			Walk-in Client:
(925) 688-2469 Phone	TAT if different from Below _____			Lab Sampling:
(xxx) xxx-xxxx FAX	☐ 2 weeks			
Project Name: Tracy Biomass Facility	☐ 1 week			Job / SDG No.:
Site:	☐ 2 days			
P O #	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y / N)	Composite = C / Grab = G	CAM 17 Metals	Cam17 STLC	Dioxins	Acidity	Organochlorine Pesticides (GC	TEPH (DRO MRO) Organics	VOCs +GRO'	Sample Specific Notes:
Fly Ash-1	2/14/2013	12:35	Comp	Soil	1			X	(a)	X					
Bottom Ash-1	2/14/2013	10:30	Comp	Soil	1			X	(a)	X					
SP-1	2/14/2013	10:45	Discrete	Soil	1			X	(a) Up to 3	Composit and run once		X	X	X	
SP-2	2/14/2013	11:00	Discrete	Soil	1			X				X	X	X	
SP-3	2/14/2013	11:10	Discrete	Soil	1			X				X	X	X	
SP-4	2/14/2013	11:20	Discrete	Soil	1			X				X	X	X	
SP-5	2/14/2013	11:30	Discrete	Soil	1			X				X	X	X	
SP-6	2/14/2013	11:50	Discrete	Soil	1			X				X	X	X	
SP-7	2/14/2013	12:30	Discrete	Soil	1			X				X	X	X	
WR	2/14/2013	1:00	Grab	Soil	1			X	(a)		X				

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments: (a) Run Cam 17 STC if waraanted

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Ted Moise				TA	2·15·13
Relinquished by:	Company: TA	Date/Time: 1415 2·15·13	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 2/15/13 1415

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 720-47837-1

Login Number: 47837

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 720-47837-1

Login Number: 47837
List Number: 1
Creator: Soderblom, Tim

List Source: TestAmerica Irvine
List Creation: 02/19/13 03:52 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

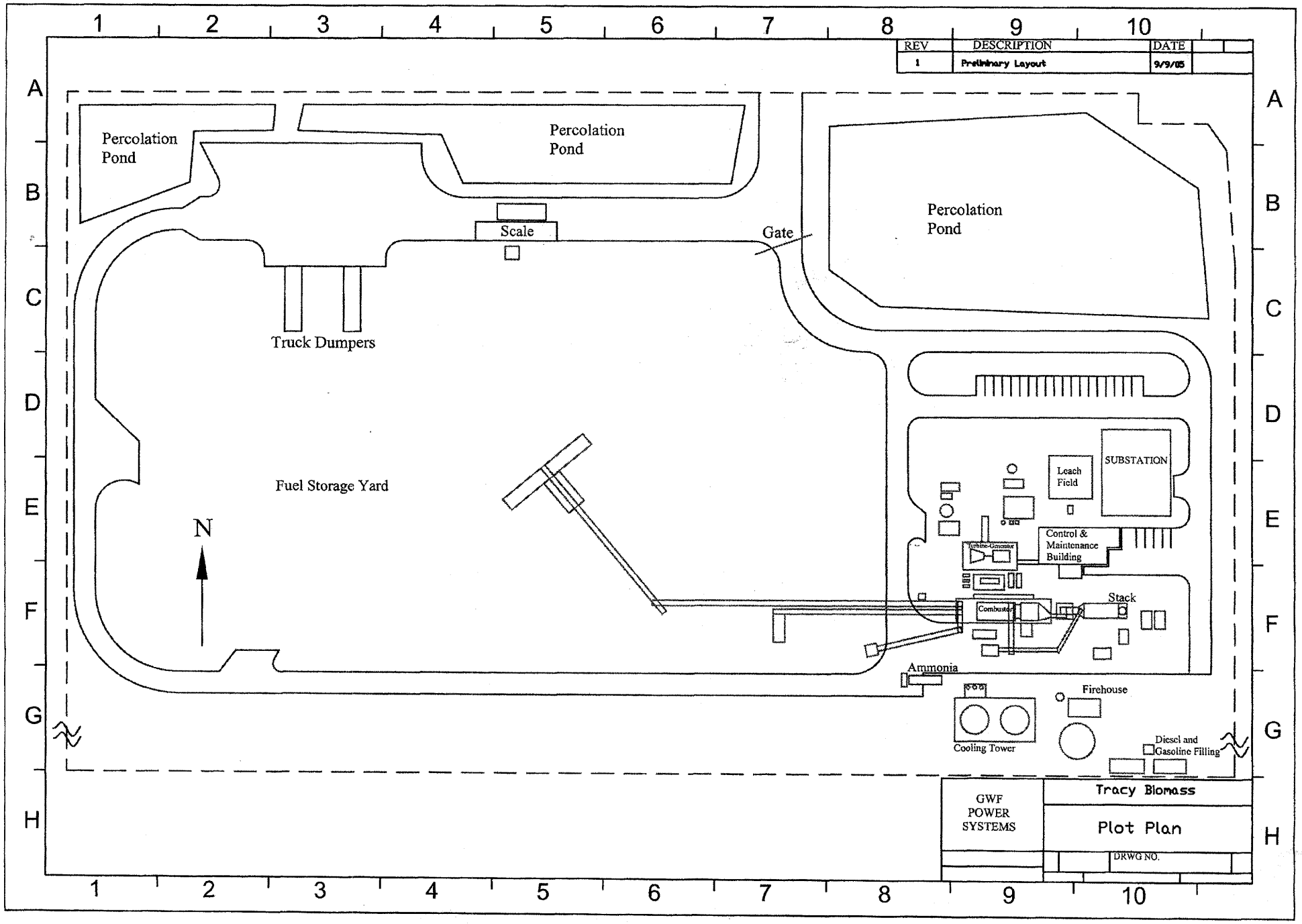
Client: TRC Solutions, Inc.

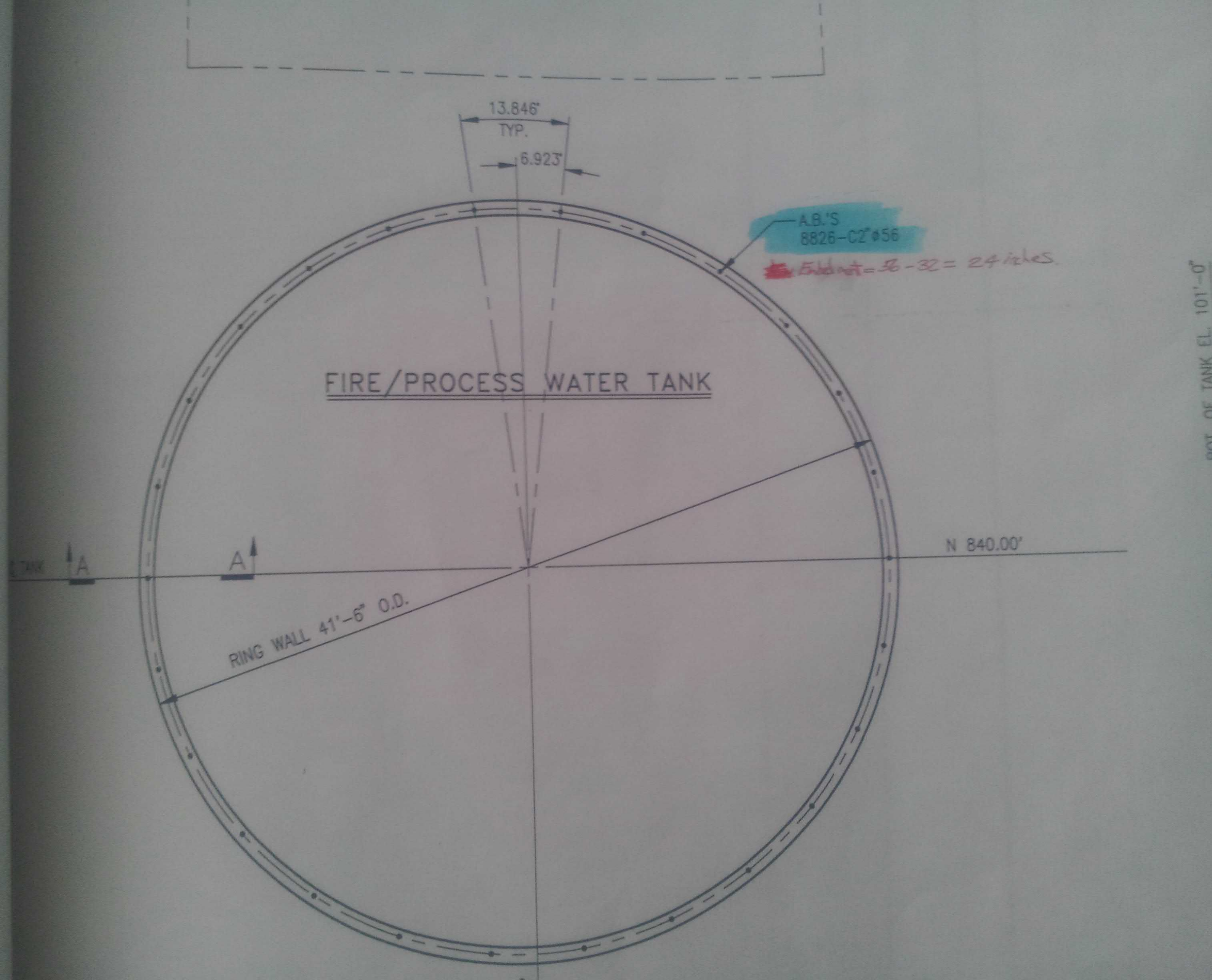
Job Number: 720-47837-1

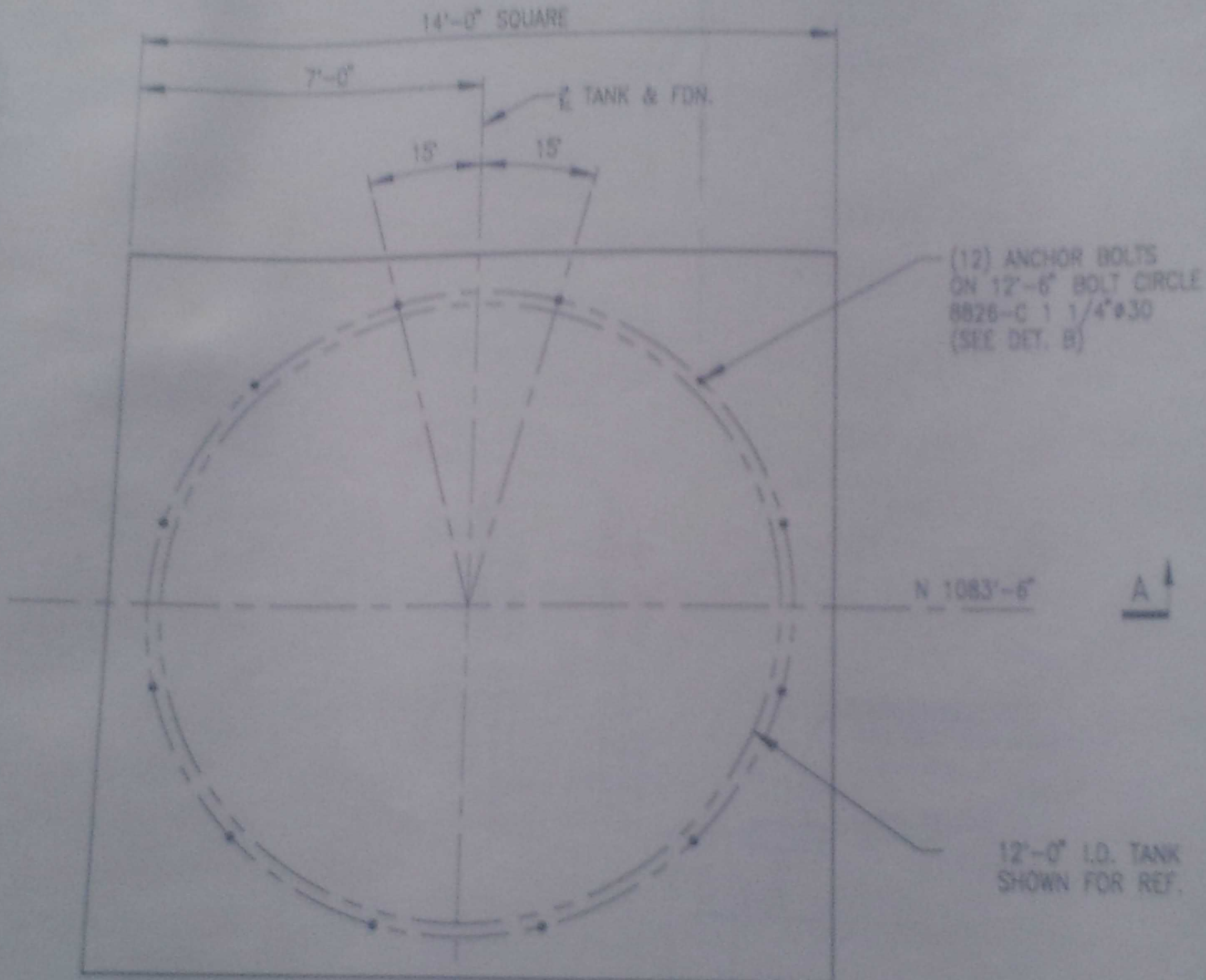
Login Number: 47837
List Number: 1
Creator: Tecson, Jeffrey

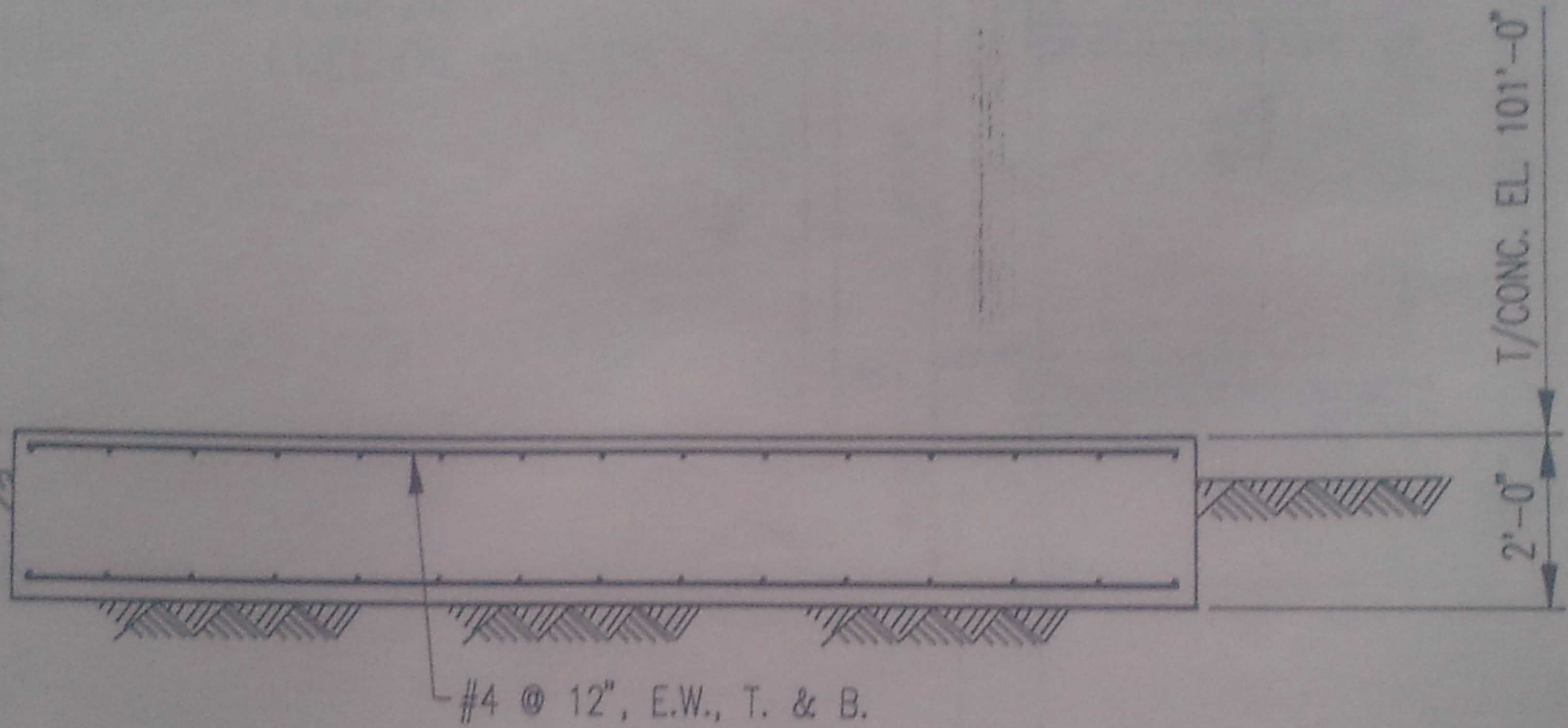
List Source: TestAmerica Sacramento
List Creation: 02/19/13 03:57 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	3.0
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

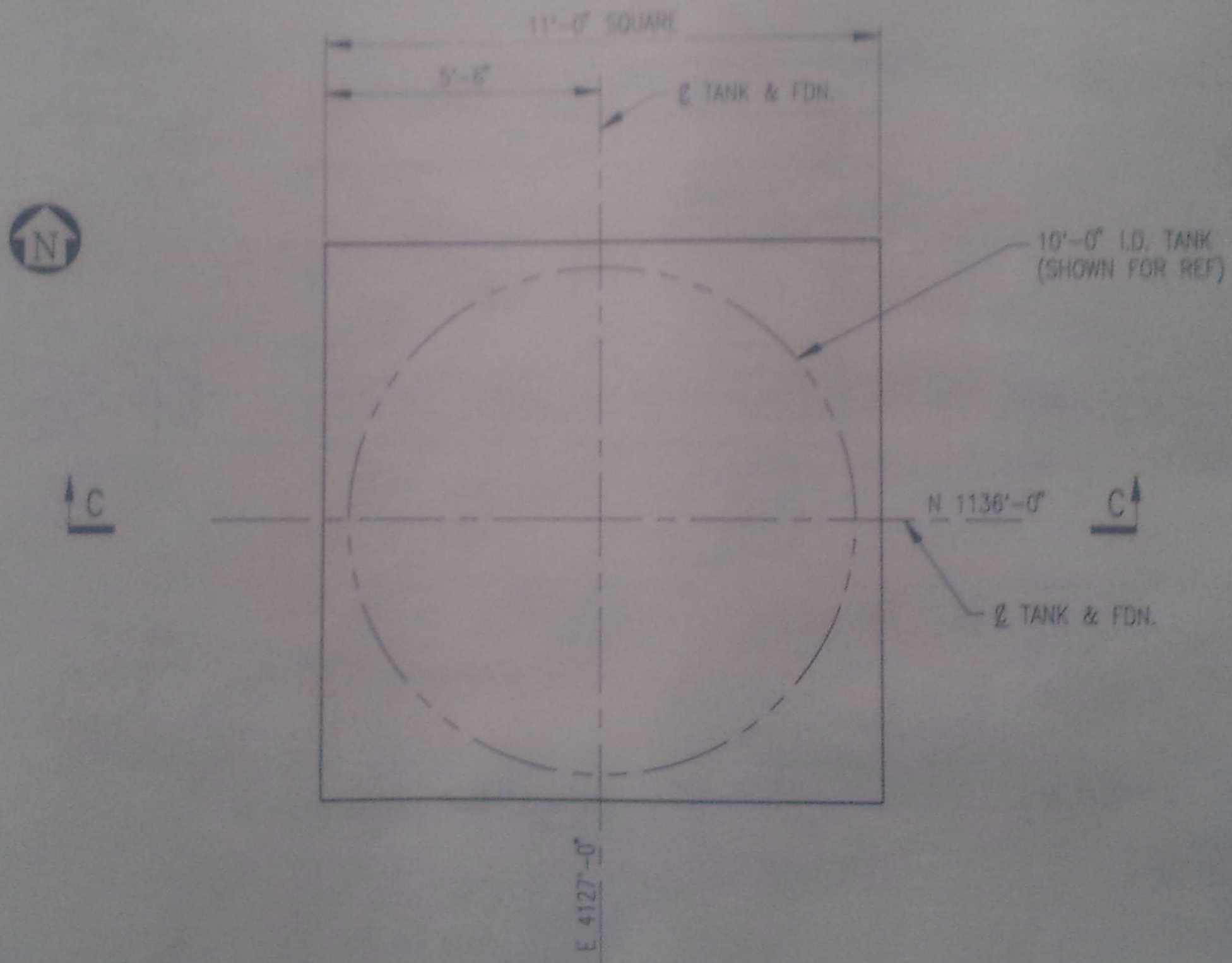

REV
DESCRIPTION
DATE
1
Preliminary Layout
9/9/05
Percolation Pond
Percolation Pond
Percolation Pond
Scale
Gate
Truck Dumpers
Fuel Storage Yard
N
SUBSTATION
Leach Field
Control & Maintenance Building
Turbine-Generator
Combustor
Stack
Ammonia
Firehouse
Cooling Tower
Diesel and Gasoline Filling
GWF POWER SYSTEMS
Tracy Biomass
Plot Plan
DRWG NO.


13.846'
TYP.
6.923'
A.B.'S
8826-C2"ø56
Fold out = 56 - 32 = 24 inches
FIRE/PROCESS WATER TANK
N 840.00'
A
A
RING WALL 41'-6" O.D.
BOT. OF TANK EL. 101'-0"
4'-0"


14'-0" SQUARE
7'-0"
℄ TANK & FDN.
15°
15°
(12) ANCHOR BOLTS
ON 12'-6" BOLT CIRCLE
8826-C 1 1/4"ø30
(SEE DET. B)
N 1083'-6"
A
12'-0" I.D. TANK
SHOWN FOR REF.



SECTION A-A


G
H
J
11'-0" SQUARE
5'-6"
℄ TANK & FDN.
N
10'-0" I.D. TANK
(SHOWN FOR REF)
C
N 1136'-0"
C
℄ TANK & FDN.
E 4127'-0"

REVISED DRAWING

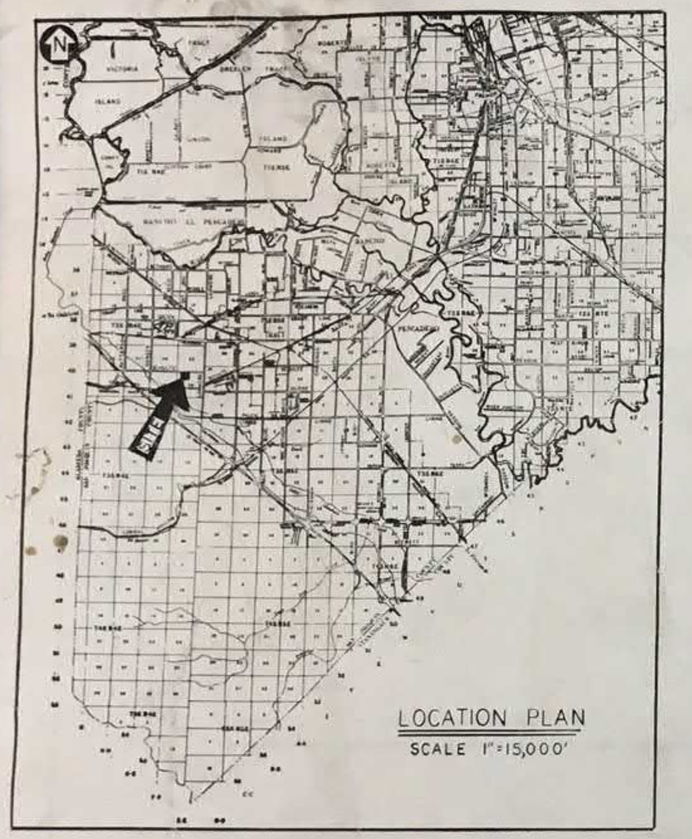
TH

TRACY BIOMASS POWER PLANT
DEMINERALIZED WATER TANK AND
DUST SUPPRESSION TANK FDN.'S

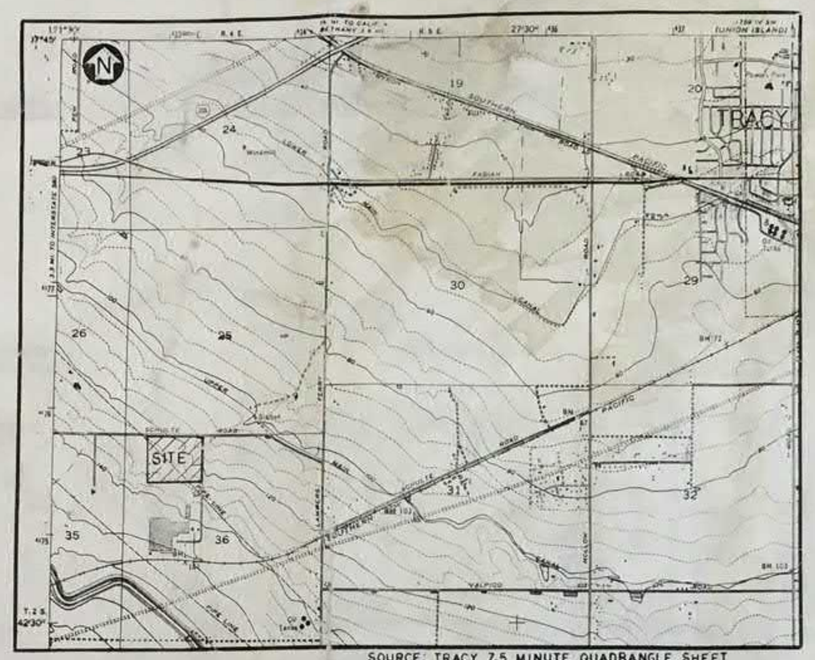
TRAC

TRACY CONSTRUCTORS
BIRMINGHAM, ALABAMA

DRAWIN
NUMBE

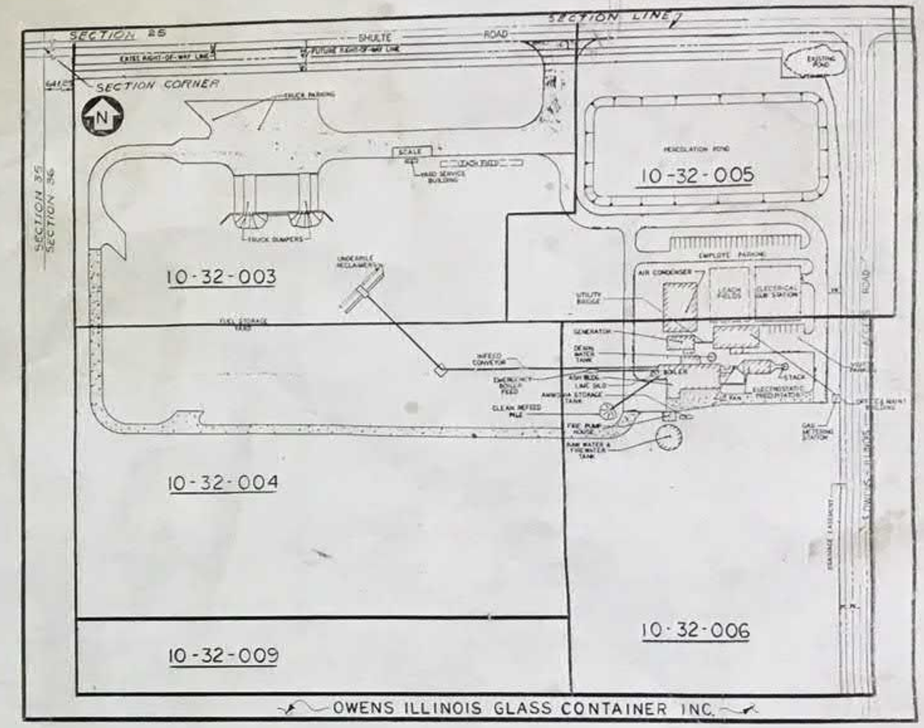


LOCATION PLAN
SCALE 1"=15,000'



SOURCE: TRACY 7.5 MINUTE QUADRANGLE SHEET

VICINITY MAP
SCALE: 1"=2000'



KEY PLAN
SCALE: 1"=150'

GENERAL NOTES:

1. PROPERTY LINES INFORMATION WAS TAKEN FROM DRAWING BY R. W. SIEGRIED AND ASSOCIATES, DATED SEPTEMBER, 1988 AND TITLED, "ALTA SURVEY, THERMAL ENERGY PARTERSHIP.
2. ALL WORK SHALL CONFORM TO THE APPLICABLE PORTIONS OF THE FOLLOWING RUST INTERNATIONAL CORPORATION SPECIFICATIONS:

0215/01	EXCAVATION, TRENCHING, INSTALLATION AND BACKFILLING FOR UTILITIES
0220/00	EARTHWORK/GENERAL
0242/01	STORM SEWERS AND DRAINAGE STRUCTURES
0266/01	AGGREGATE BASE AND SUBBASE COURSES
0266/02	LIME STABILIZED SUBGRADE
0267/01	ASPHALT CONCRETE PAVEMENTS
0275/01	SECURITY FENCING
0280/01	TOPSOIL, SEEDING AND MULCHING

3. WORK SHALL NOT PROCEED UNTIL PROPER SEDIMENTATION AND EROSION CONTROL MEASURES ARE TAKEN.
4. FOR GENERAL CONCRETE NOTES SEE DRAWING 10-29-200.
5. FOR TYPICAL ROADWAY SECTIONS SEE DRAWING 10-32-007.
6. HORTIZONTAL CONTROL IS A GRID SYSTEM ESTABLISHED EXCLUSIVELY FOR THIS PLANT SITE. THE SOUTH PROPERTY LINE IS SET AT NORTH 400.00 AND THE WEST PROPERTY LINE IS SET AT EAST 3000.00.
7. VERTICAL CONTROL IS A PAINTED SQUARE ON TOP OF THE FINISHED FLOOR, MIDDLE DOOR, WEST SIDE OF WAREHOUSE PALLET BUILDING, OWENS-ILLINOIS PLANT. THE ELEVATION IS 155.00 (ASSUMED), OWENS-ILLINOIS DATUM.
8. SIDE SLOPES SHALL BE 3 (THREE) HORTIZONTAL TO 1 (ONE) VERTICAL UNLESS NOTED OTHERWISE ON THE DRAWINGS.
9. SITE STORM DRAINAGE SHALL TERMINATE IN THE PERCOLATION PONDS TO BE CONSTRUCTED AT LOCATIONS SHOWN ON THE DRAWINGS.
10. THE RELEASE FOR CONSTRUCTION (RFC) DRAWING STATUS IS ONLY AN EXPRESSION OF THE DRAWING'S TECHNICAL COMPLETENESS AND IS NOT INTENDED TO IMPLY THAT ALL REQUIRED LOCAL, STATE, AND FEDERAL PERMITS HAVE BEEN OBTAINED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL REQUIRED PERMITS HAVE BEEN OBTAINED BY TRACY CONSTRUCTORS BEFORE PROCEEDING WITH CONSTRUCTION.

LEGEND

- PROPERTY LINE
- EASEMENT LINE
- EXISTING ROADWAY
- 117 EXISTING CONTOUR
- PROPOSED AGGREGATE BASE ROAD
- PROPOSED FACILITY
- PROPOSED FENCE
- PROPOSED ASPHALT PAVING
- 2.42 PROPOSED SPOT ELEVATION
- 121 PROPOSED CONTOUR
- PROPOSED AGGREGATE SURFACED AREA

JOBSITE COPY
CORRECTED PLANS SHALL BE ON JOBSITE OR NO CALLED INSPECTIONS WILL BE MADE

SPECIAL INSPECTION
FOUNDATIONS
APPROVED
5-5-89

APPROVED
The Uniform Fire Code, National Fire Protection Association Standards
Fire Department
Signed
Date

RELEASED FOR CONSTRUCTI
By B J Lacey Date 1-27-89

REVISIONS	MADE	CKD	DATE	NO.	REVISIONS	MADE	CKD	DATE	DRAWING NO.	REFERENCES

GRAPHIC SCALE ½" 0" 1"

REGISTERED PROFESSIONAL ENGINEER
RALPH EUGENE JOHNSTON
No. C 039220
Exp. 12-31-89
CIVIL
STATE OF CALIFORNIA

SCALE AS NOTED	DATE
DESIGN BY	11-9-88
DRAWN BY	11-9-88
CHECKED BY	11-23-88
SUPV. BY	11-23-88
SUBMTD BY	11-23-88
APP'D BY:	
APP'D BY:	
APP'D BY:	

TRACY BIOMASS POWER PLANT
TITLE SHEET

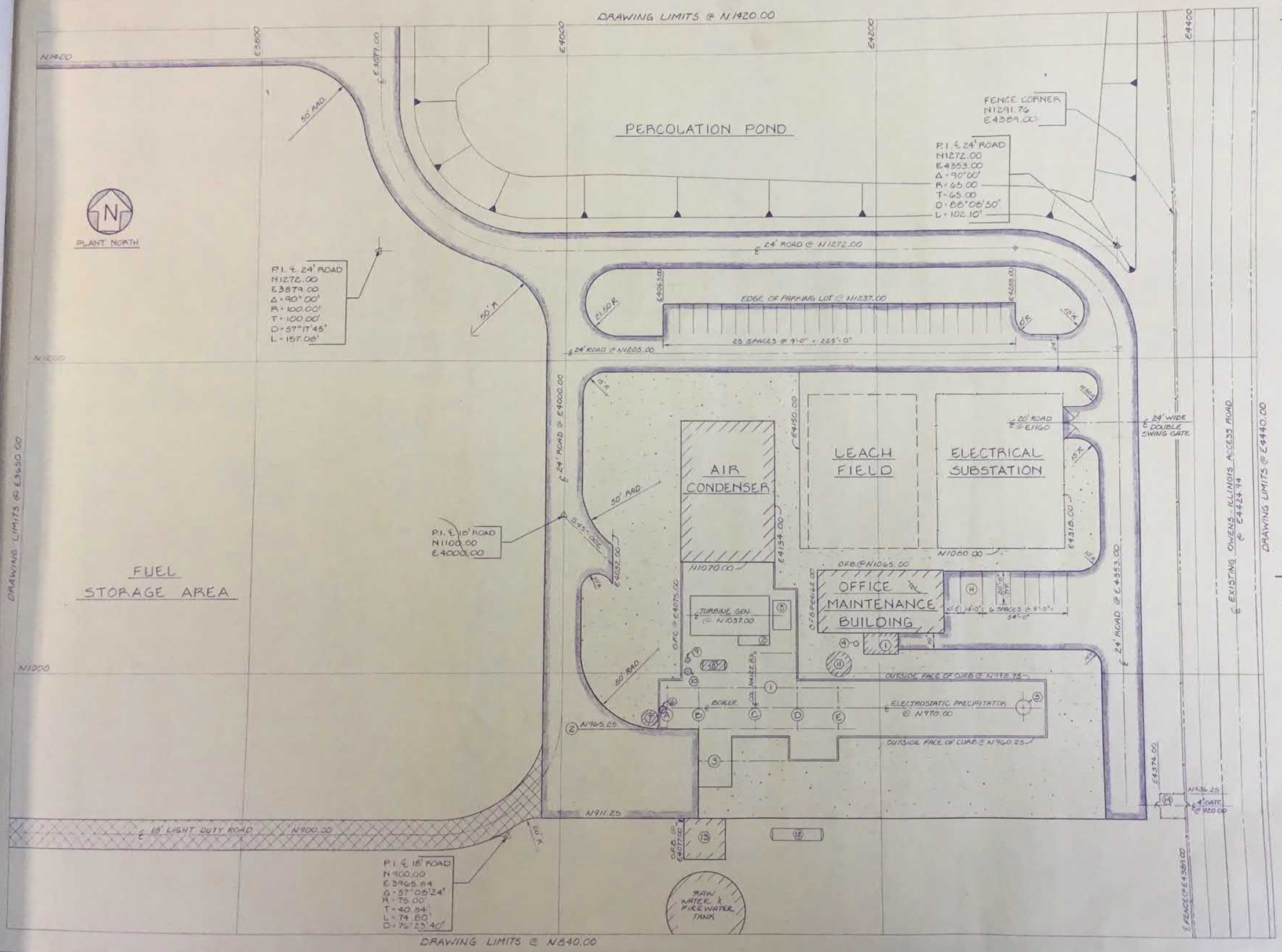
TRACY CONSTRUCTORS
BIRMINGHAM, ALABAMA

THERMAL ENERGY DEV. P
STOCKTON, CALIFORNI

RUST
Rust International Corporation Birmingham, Alaba
Contract 21— 3308A

DRAWING NUMBER 10-32-015

R5-B7-11 SHEET 1 O



NOTES:

1. FOR GENERAL NOTES, LEGEND, AND PLAN SEE DRAWING 10-32-015
2. THIS PLAN COVERS AREA WHICH SEV GRADING PLANS OVERLAP. SEE THE PLAN DRAWING 10-32-015 FOR GRA PLAN LAYOUT.

FACILITY CODE

1. LAB & WATER TREATMENT BUILD
2. L.P.F.W. HEATER
3. LUBE OIL CONSOLE
4. PROCESS / POTABLE WATER TA
5. STACK
6. DUST SUPPRESSION TANK
7. LIME SILO
8. CONDENSATE RECEIVER
9. CONTINUOUS BLOWDOWN TAN
10. BOILER BLOWOFF TANK
11. DEMINERALIZED WATER TANK
12. AMMONIA STORAGE
13. FIRE PUMP HOUSE
14. GAS METERING STATION

RELEASED FOR PE
PURPOSES ONL

FOR APPROV
ISSUE NO. A DA

THERMAL ENERGY
STOCKTON, CAL

REVISIONS	MADE	CKD	DATE	NO.	REVISIONS	MADE	CKD	DATE

DRAWING NO. 10-32-015 TITLE SHEET

REFERENCES

REGISTERED PROFESSIONAL ENGINEER
RALPH EUGENE JOHNSTON
No. C 039220
CIVIL
STATE OF CALIFORNIA

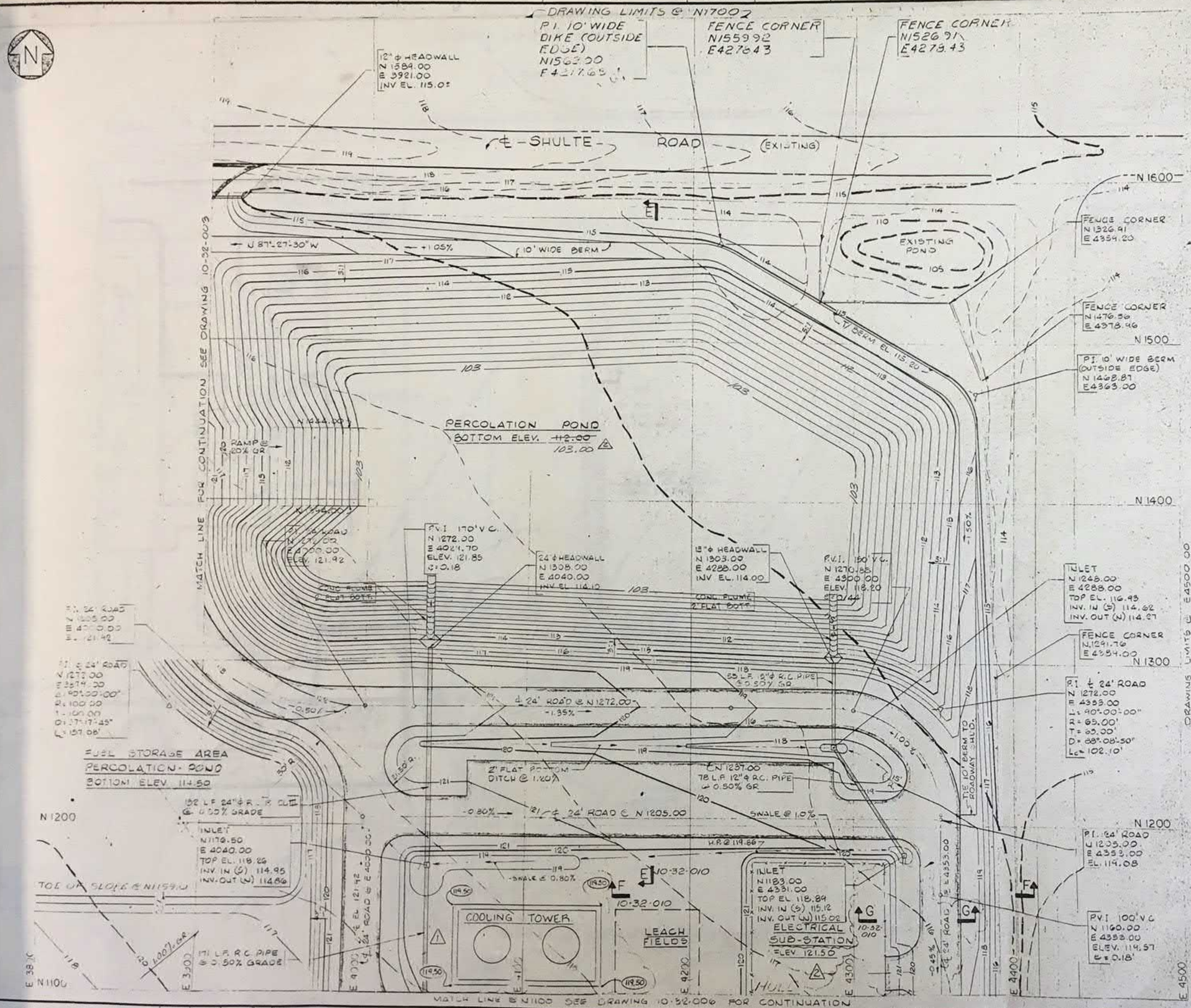
SCALE 1" = 30'-0"	DATE
DESIGN BY:	10-31-88
DRAWN BY: P.W. SEALY	11-1-88
CHECKED BY:	11-15-88
SUPV BY:	11-27-88
SUBMITTED BY:	11-27-88
APP'D BY:	
APP'D BY:	
APP'D BY:	

TRACY BIOMASS POWER PLANT
LAYOUT PLAN

TRACY CONSTRUCTORS
BIRMINGHAM, ALABAMA

RUST
Rust Intern Corpo Birmin
Contract 21-3308A

DRAWING NUMBER 10-32-0



NOTES

1. FOR GENERAL NOTES, KEY PLAN AND LEGEND SEE DRAWING 10-32-015.
2. FOR BUILDING AND MAJOR EQUIPMENT LAYOUT SEE DRAWING 10-32-002.

SAN JOAQUIN LOCAL HEALTH DISTRICT
1601 E. Hazelton Ave.-Phone: 466-8781
P.O. Box 2009 Stockton, Ca. 95201

☒ Approved
☐ Approved with changes: See Remarks
☐ Disapproved; See Remarks

Remarks Grading only

Date 3-23-89 By James Miller

Approval of these plans extends only to that which is shown and described hereon but does not authorize or approve any omission or deviation of requirements of State laws or local Ordinances.

SAN JOAQUIN COUNTY
AIR POLLUTION CONTROL DISTRICT
1601 E. Hazelton Ave. - Stockton, Ca. 95205

☐ Approved
☐ Disapproved
☐ Permit application filed with APCD
☑ Approved, Subject to: Visible emissions shall be below 20% opacity. Dust control practices shall be implemented

Date 3-23-89 By Angel Alegyman

APPROVED
Conditional
This approval extends only to that which is shown and described hereon, but does not authorize or approve any omission or deviation of requirements of PUBLIC WORKS DEPARTMENT, County of San Joaquin
3-23-89 By [illegible]

DEPARTMENT OF PLANNING & BUILDING INSPECTION

Applicant certifies that the property for which this permit is sought is described on the plan and that all existing and proposed structures and improvements are shown. As a condition of permit, applicant also certifies that all proposals will be completed as shown.

Owner or Authorized Representative's Signature — Date — Contractor's Signature — Date

PLANNING DIVISION
1) Property meets requirements of zoning and subdivision ordinances for both uses and construction.
2) Zone: M-2 A.P.N. 209-240-23
3) Address: 14800 W. Schulte Rd Tracy CA 95376
4) Remarks: Grading OK if all on site per UP-86-18
5) Developer Fee Required: No School District:

Date 3-23-89 By [illegible]

REVISION TO 158973

REGISTERED PROFESSIONAL ENGINEER RANDALL FENOUS No. CE28757 Exp. 9-30-89 CIVIL ENGINEERING STATE OF CALIFORNIA

SEE PERMIT & GRADE FOR ACTUAL DESIGN

NOTE
THIS DWG. HAS BEEN PREPARED USING PRELIMINARY NON-CERTIFIED VENDOR DRAWINGS AND CATALOG INFORMATION.

RELEASED FOR CONSTRUCTION
By B.J. Lacey Date 1-27-89

Tracy Constructors
14800 W. Schulte Rd.
160469

REVISIONS	MADE	CKD	DATE	DRAWING NO.	REFERENCES
1. REVISED POND EL. FROM 112.0' to 103.0'	WGN	WGN	3-27-89	10-32-002	LAYOUT PLAN
CHANGED TO C.T. △ REV. ROAD	KWS	PM	2-10-89	10-32-015	TITLE SHEET

GRAPHIC SCALE 0" 1"

REGISTERED PROFESSIONAL ENGINEER RALPH EUGENE JOHNSON No. C 039220 Exp. 12-31-89 CIVIL STATE OF CALIFORNIA

SCALE	1" = 30'	DATE
DESIGN BY	D. SHARBUTT	11/10/88
DRAWN BY	D. SHARBUTT	11/14/88
CHECKED BY		11-23-88
SUPV. BY		11-23-88
SUBM'D BY		11-29-88
APP'D BY:		
APP'D BY:		
APP'D BY:		

TRACY BIOMASS POWER PLANT
LAYOUT & GRADING PLAN
SHEET 3 OF 4

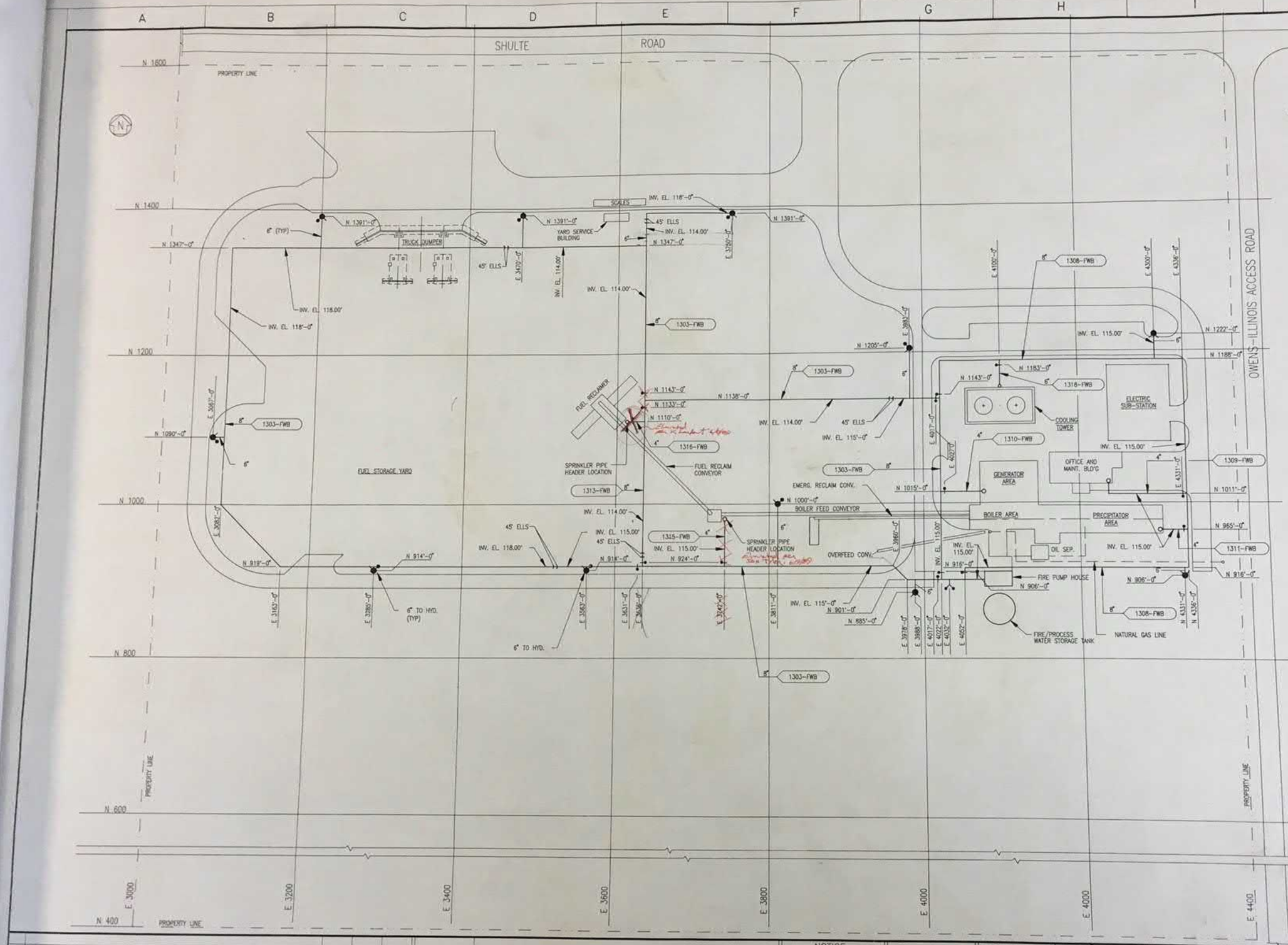
TRACY CONSTRUCTORS
BIRMINGHAM, ALABAMA

THERMAL ENERGY DEV. PART
STOCKTON, CALIFORNIA

RUST
Rust International Corporation
Birmingham, Alabama
Contract 21— 3308A

DRAWING NUMBER 10-32-005

SHEET



NOTES:

1. MINIMUM COVER ON FIRE MAINS SHALL BE 3'-0" BELOW FINISHED GRADE.
2. WORK TO BE DONE IN ACCORDANCE WITH SPECIFICATION NO. 1530/01 EXTERIOR FIRE PROTECTION SYSTEM.

LEGEND

- FIRE HYDRANT
- FIRE HYDRANT W/MONITOR NOZZLE
- POST INDICATOR VALVE
- FIRE DEPARTMENT SIAMESE CONNECTION

NO.	REVISIONS	MADE	CKD.	DATE
D	ISSUED FOR DESIGN	JWB	ESR	3-28-89

DRAWING NO.

REFERENCES

GRAPHIC SCALE 1/2" 0" 1"

NOTICE

THIS DRAWING HAS NOT BEEN PUBLISHED BUT RATHER HAS BEEN PREPARED BY HARBERT INTERNATIONAL FOR USE BY THE CLIENT NAMED IN THE TITLE BLOCK SOLELY IN RESPECT OF THE CONSTRUCTION, OPERATION AND MAINTENANCE OF THE FACILITY NAMED IN THE TITLE BLOCK AND SHALL NOT BE USED FOR ANY OTHER PURPOSE, OR FURNISHED TO ANY OTHER PARTY, WITHOUT THE EXPRESS CONSENT OF HARBERT INTERNATIONAL INC.

SCALE 1"=60'	DATE
DESIGNED BY: ESR	3-21-89
DRAWN BY: JWB	3-23-89
CHECKED BY: ESR	3-24-89
SUPV. BY:	
SUBM'TD BY:	
APP'D BY:	
APP'D BY:	

SITE PLAN
EXTERIOR FIRE PROTECTION

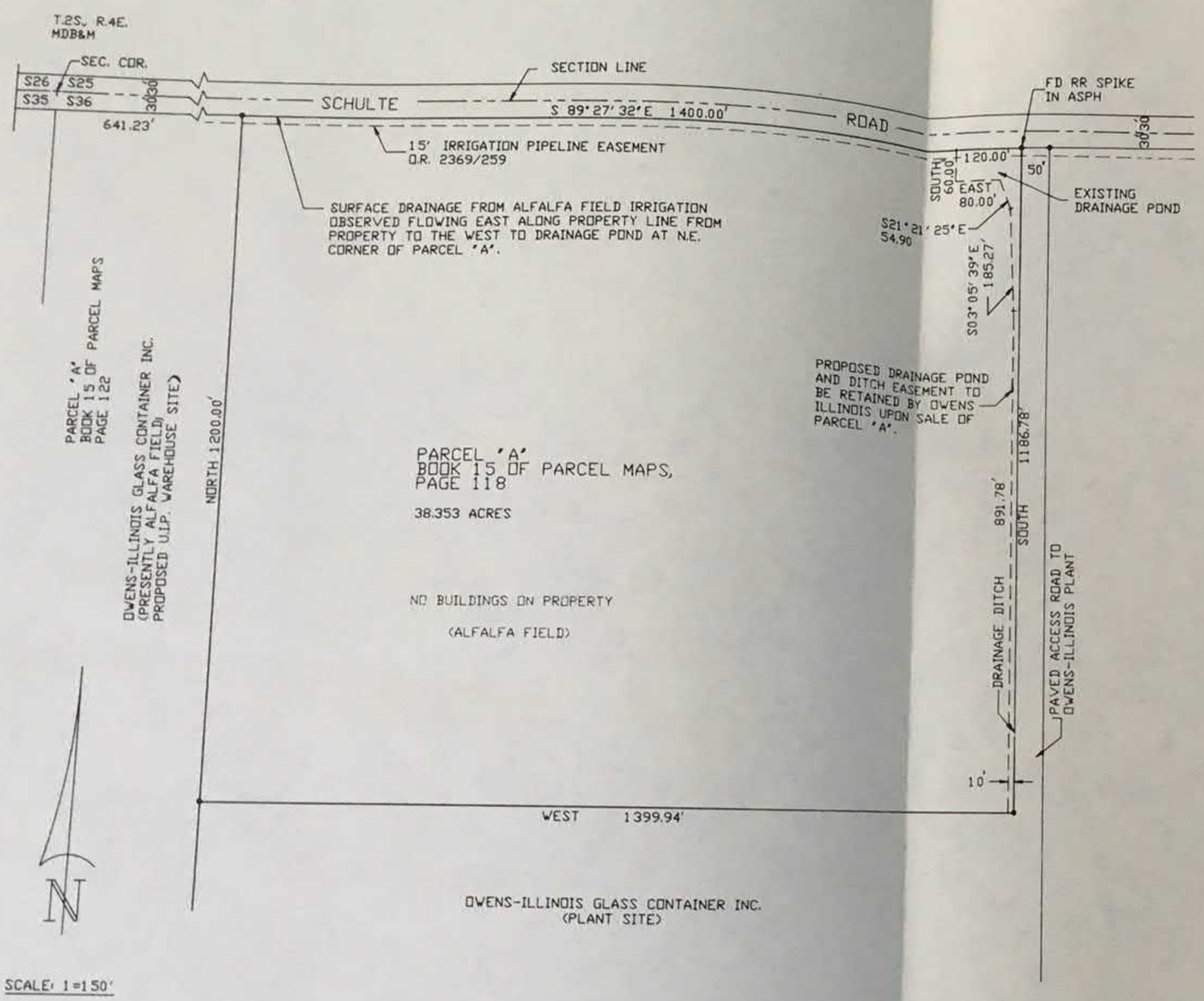
TRACY CONSTRUCTORS
BIRMINGHAM, ALABAMA

THERMAL ENERGY DEV. PA
STOCKTON, CALIFORNIA

Harbert International,
BIRMINGHAM, ALABAMA

TRACY BIOMASS POWER PROJECT NUMBER 8

DRAWING NUMBER 8826-0128-038



SCALE: 1=150'

NOTES:

MONUMENTS FOUND: 3/4" IRON PIPES TAGGED "RCE 8189" SHOWN THUS ——•——.

O.R. DENOTES OFFICIAL RECORDS, SAN JOAQUIN COUNTY, CALIFORNIA.

ALTA SURVEY

THERMAL ENERGY DEVELOPMENT PARTNERSHIP

SITE ADDRESS: 14700 W. SCHULTE ROAD
TRACY, CALIFORNIA

R.W. SIEGFRIED AND ASSOCIATES, CIVIL ENGINEERS
STOCKTON, CALIFORNIA MAY, 1988

COMMENTS:

1. THIS SURVEY IS FOR TITLE PURPOSES ONLY. IT IS NOT INTENDED FOR DESIGN USE.
2. THIS SURVEY IS BASED UPON TICOR TITLE COMPANY PRELIMINARY REPORT NUMBER 0272010 0000-1st AMEND DATED FEBRUARY 10, 1988. REFER TO THAT REPORT FOR ITEMS NOT NOTED ON THIS SURVEY.
3. PERIMETER BEARINGS AND DISTANCES AS MEASURED IN THIS SURVEY CORRESPOND WITH THOSE SHOWN ON THE PARCEL MAP FILED IN BOOK 15, PAGE 118, SAN JOAQUIN COUNTY RECORDS.

BASIS OF BEARINGS:

THE SOUTH RIGHT OF WAY LINE OF SCHULTE ROAD BEARS S89°27'32"E PER PARCEL MAP FILED IN BOOK 15, PAGE 118, SAN JOAQUIN COUNTY RECORDS.

TO THERMAL ENERGY DEVELOPMENT PARTNERSHIP AND TICOR TITLE COMPANY:

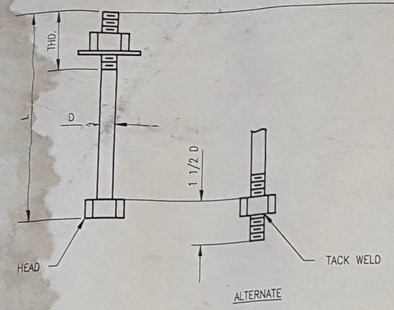
THIS IS TO STATE THAT THIS MAP AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS", JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND ACSM IN 1986; AND MEETS THE ACCURACY REQUIREMENTS OF A CLASS "A" SURVEY, AS DEFINED THEREIN.

DATED: 5/27/88

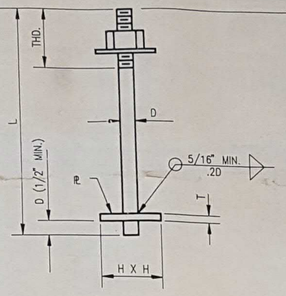
Stephen R. Thumlert
STEPHEN R. THUMLERT, L.S. 4334

LICENSED LAND SURVEYOR
STEPHEN R. THUMLERT
No. 4334
Exp. 6/30/88
STATE OF CALIFORNIA

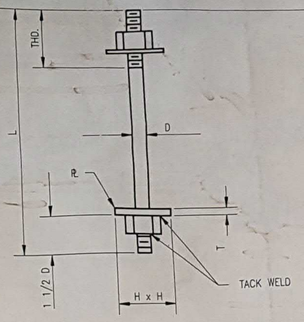
5922



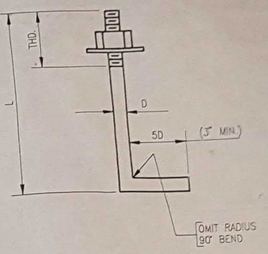
TYPE A



TYPE B



TYPE C



*HOOKS SHALL BE FORGED FOR ANCHOR BOLT DIAMETER 1" & LARGER.

TYPE D

ANCHOR BOLT NOTES:

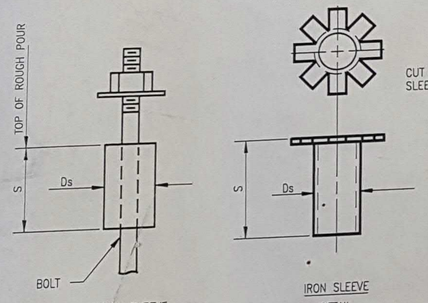
1. ANCHOR BOLTS SHALL MEET THE REQUIREMENTS OF A.S.T.M. A307 UNLESS OTHERWISE NOTED.
2. ANCHOR BOLTS SHALL BE FURNISHED WITH HEAVY HEX NUTS & CUT WASHERS OF SPECIFICATIONS COMPATIBLE WITH THOSE OF THE THREADED SHANKS UNLESS OTHERWISE NOTED.
3. THREAD LENGTH (THD.) SHALL BE AS SHOWN IN BOLT SCHEDULE UNLESS OTHERWISE CALLED FOR IN ANCHOR BOLT DESIGNATION.
4. ANCHOR BOLT LENGTH (L) SHALL BE AS SHOWN IN ANCHOR BOLT SCHEDULE UNLESS OTHERWISE CALLED FOR IN ANCHOR BOLT DESIGNATION.
5. ANCHOR BOLT DESIGNATION SYSTEM.

   8826-A3/4017SNB

   - THREAD LENGTH IN INCHES ONLY IF NOT AS SHOWN IN SCHEDULE
   - IF TWO NUTS ARE REQUIRED
   - SLEEVE (IF REQUIRED)
   - TOTAL LENGTH IN INCHES ONLY IF NOT AS SHOWN IN SCHEDULE
   - DIAMETER IN INCHES
   - ANCHOR BOLT TYPE
   - JOB NUMBER
6. ALL ANCHOR BOLTS TO BE LABELED BY FABRICATOR THUS 8826-A3/4017SNB (DWG. NO.)
   - BOLT DESIGNATION
   - HARBERT REF. DRAWING OR FABRICATORS SETTING PLAN WHERE BOLT LOCATED.
7. IF ANCHOR BOLTS TOGETHER WITH THEIR WASHERS AND NUTS ARE TO BE GALVANIZED PER ASTM A-153. ADD (GALV) TO ANCHOR BOLT DESIGNATION.

ANCHOR BOLT SCHEDULE

BOLT DIA. D (IN.)	BOLT LENGTH: L (IN.) TYPE W/O SLEEVE A	B & C	D	TYPE WITH SLEEVE A	B & C	D	MIN. THD. (IN.)	PLATE H x H (IN.)	T (IN.)	SLEEVE Ds x S (IN.)
3/8	9	7	11	12	9	15	4	2 x 2	3/8	2 x 5
1/2	11	9	14	13	11	18	4	2 x 2	3/8	2 x 5
5/8	13	12	17	15	13	21	4	3 x 3	1/2	2 x 7
3/4	16	14	23	19	15	29	4	3 x 3	1/2	2 x 7
7/8	18	15	27	20	17	33	4	3 x 3	1/2	2 x 7
1	21	16	35	25	20	44	4 1/2	4 x 4	1/2	3 x 10
1 1/8	23	18	43	29	24	55	4 1/2	4 x 4	1/2	3 x 10
1 1/4	25	20	53	31	27	65	5	4 x 4	3/4	3 x 10
1 3/8	27	21	60	35	29	75	5	5 x 5	3/4	4 x 15
1 1/2	–	24	–	–	32	–	5 1/2	5 x 5	3/4	4 x 15
1 3/4	–	28	–	–	37	–	6	6 x 6	1	4 x 15
2	–	30	–	–	39	x	6	7 x 7	1	4 x 18
2 1/4	–	33	–	–	43	–	6 1/2	8 x 8	1	4 x 18
2 1/2	–	36	–	–	48	–	6 1/2	8 x 8	1 1/4	6 x 24
2 3/4	–	39	–	–	53	–	7	9 x 9	1 1/4	6 x 24
3	–	40	–	–	57	–	7	10 x 10	1 1/2	6 x 24



WILSON SLEEVE DETAIL

IRON SLEEVE DETAIL (ALTERNATE)

SLEEVE

NOTE:
STD. PLASTIC SLEEVES, AS MFG'D BY WILSON ANCHOR SLEEVE, INC. ARE PREFERRED. STYROFOAM OR 26 GA. GALVANIZED METAL SLEEVES MAY BE USED AS ALTERNATES.

1	CHG'D DRAWING NUMBER	JWB	WGW	5-23-89
0	ISSUED FOR CONSTRUCTION	MADE	CKD.	DATE

DRAWING NO.

REFERENCES

GRAPHIC SCALE 1/2" 0" 1"

NOTICE
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REGISTERED PROFESSIONAL ENGINEER
WINFIELD FERNANDEZ
NO. CE28757
Exp. 9-30-90
CIVIL ENGINEERING
STATE OF CALIFORNIA

SCALE NONE	DATE
DESIGNED BY:	
DRAWN BY: JWB	3-29-89
CHECKED BY:	
SUPV. BY:	
SUBM'TD BY:	
APP'D BY:	
APP'D BY:	

TRACY BIOMASS POWER PLANT
STANDARD DETAILS
ANCHOR BOLTS

TRACY CONSTRUCTORS
BIRMINGHAM, ALABAMA

THERMAL ENERGY DEV. PART.
STOCKTON, CALIFORNIA

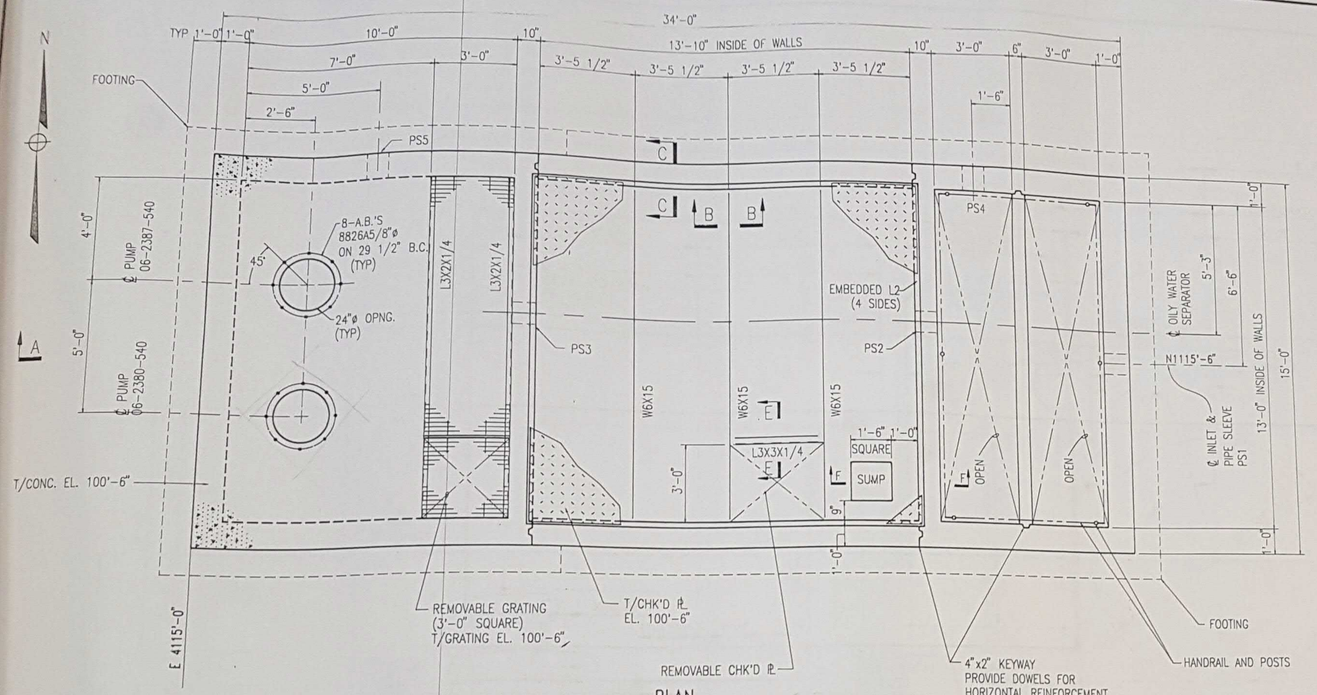
Harbert International, Inc.
BIRMINGHAM, ALABAMA

TRACY BIOMASS POWER PROJECT NUMBER 8826-22

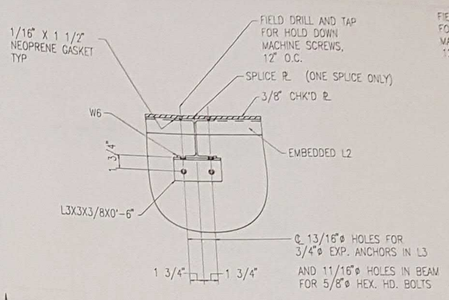
DRAWING NUMBER 8826-0800-0001 REV. NO. 2

R3-87-1

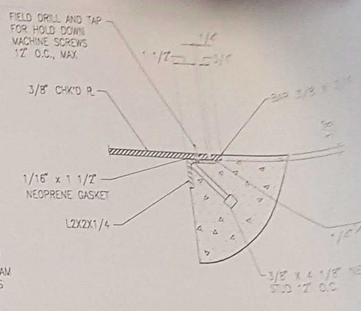
D. DWG. NO.—TRACY/ 08000001.dwg



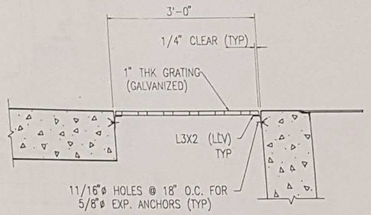
PLAN
SCALE: 3/8"=1'-0"



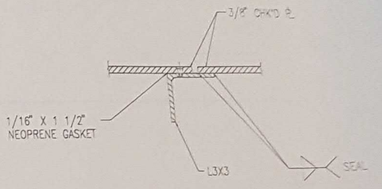
SECTION B-B
SCALE: 1 1/2"=1'-0"



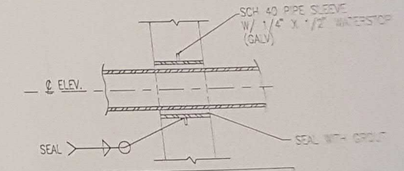
SECTION C-C
SCALE: 3"=1'-0"



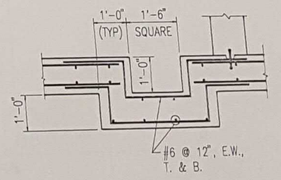
SECTION D-D
SCALE: 3/4"=1'-0"



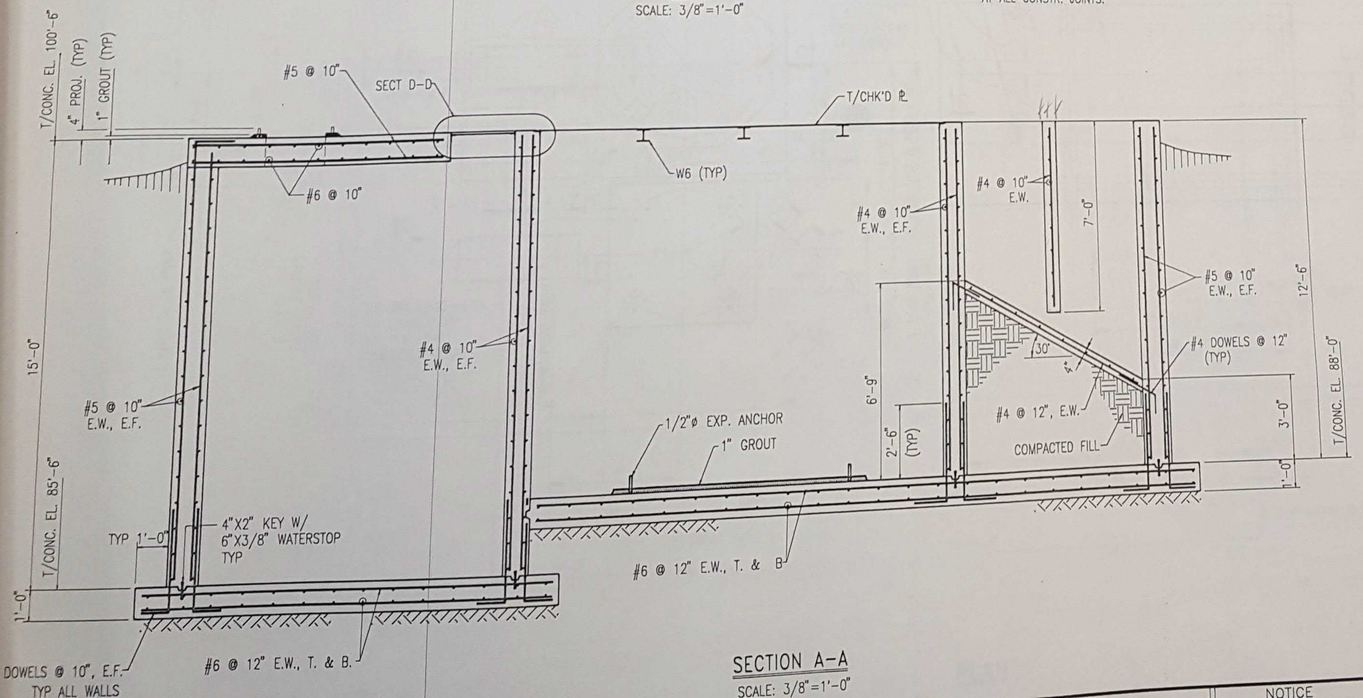
SECTION E-E
SCALE: 3"=1'-0"



PIPE SLEEVE SCHEDULE		
P.S. NO.	SIZE	℄ ELEV.
PS1	10	94'-10"
PS2	10	94'-10"
PS3	10	93'-5"
PS4	10	99'-2"
PS5	10	98'-8"



SECTION F-F
SCALE: 1/2"=1'-0"
(SUMP DETAIL)



SECTION A-A
SCALE: 3/8"=1'-0"

NOTES:

1. FOR GENERAL CONCRETE NOTES SEE DWG. 0900-[illegible]
2. FOR ANCHOR BOLT DETAILS SEE DWG. 0900-[illegible]
3. ALL CONCRETE THIS DWG. TO BE 4000 PSI.
4. ELEVATIONS ARE BASED UPON A DATUM OF EL. 100'-0" EQUALS EL. 119'-6" (ACTUAL).
5. FABRICATE FLOOR BEAMS WITH ANY EXISTING CAMBER UP.
6. INSTALL NEOPRENE GASKETS AT ALL JOINTS IN [illegible]
7. ALL GROUT THIS DWG. TO BE PORTLAND CEMENT GROUT.

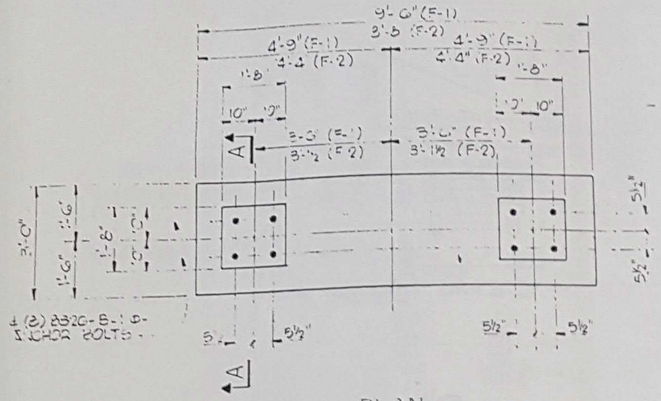
THERMAL ENERGY DEV. PARTN.
STOCKTON, CALIFORNIA

Harbert International, Inc.
BIRMINGHAM, ALABAMA

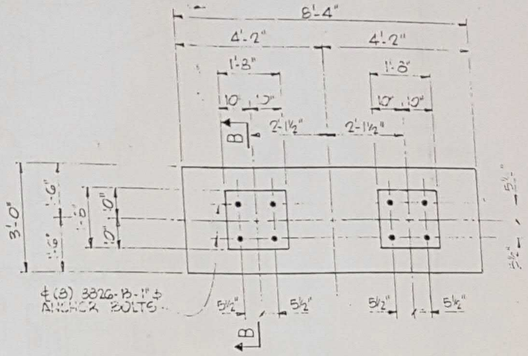
SCALE	AS NOTED	DATE
DESIGNED BY	WGW	5-9-89

TRACY BIOMASS POWER PLANT

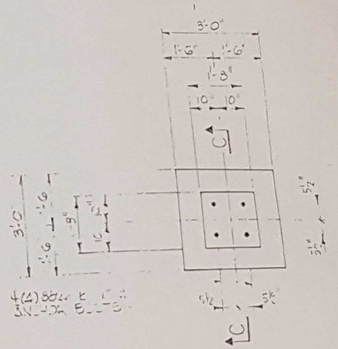
NOTICE



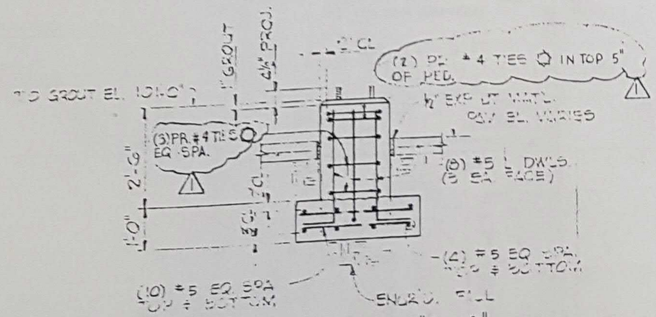
PLAN



PLAN



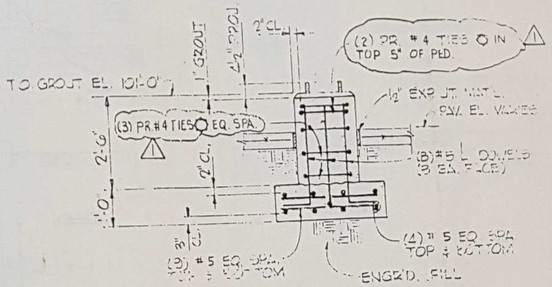
PLAN



SECTION "A-A"

F-1 & F-2 FOUNDATION DETAIL

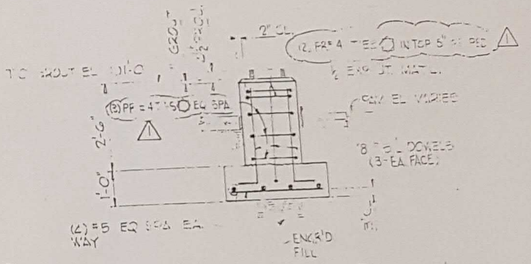
½" = 1'-0" (FOR LOCATION SEE DWG. 3820-0510-0001)



SECTION "B-B"

F-3 FOUNDATION DETAIL

½" = 1'-0" (FOR LOCATION SEE DWG. 3820-0510-0001)



SECTION "C-C"

F-4 FOUNDATION DETAIL

½" = 1'-0" (FOR LOCATION SEE DWG. 3820-0510-0001)

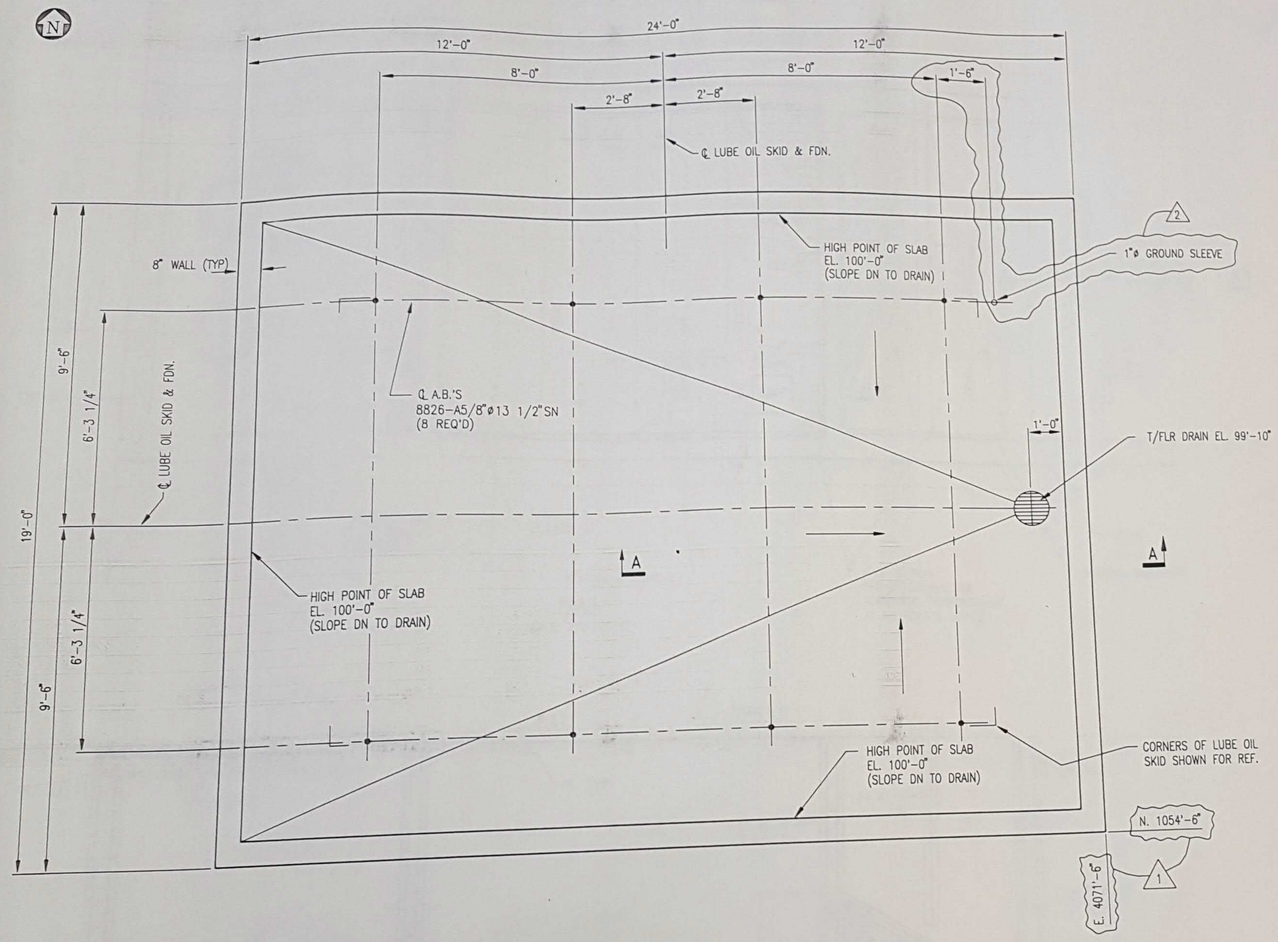
NOTES:
1. FOR CONCRETE GENERAL NOTES SEE DWG. 3820-0010-0001.

REVISED DRAWING

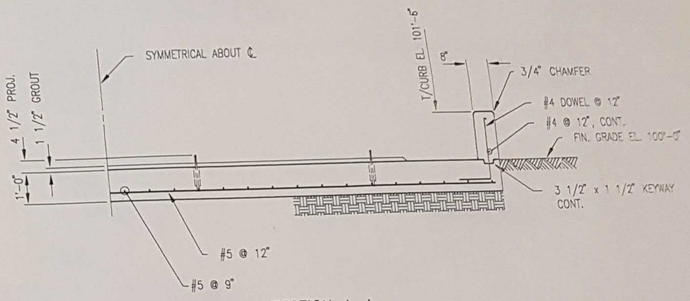
ISSUE FOR CONSTRUCTION
DATE: ____

RPM ENGINEERING INC.
Project No. 1053

THERMAL ENERGY DEV. PART.
STOCKTON, CALIFORNIA



PLAN



SECTION A-A

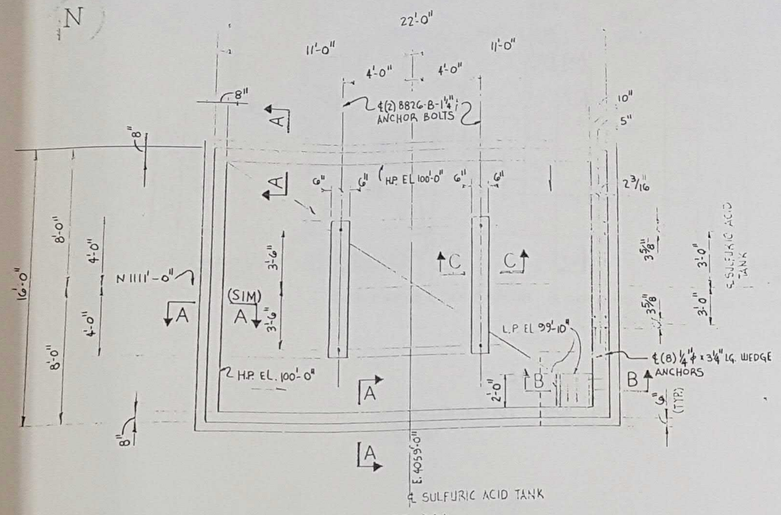
NOTES:
1. FOR GENERAL CONCRETE NOTES SEE DWG. 0800-0002.
2. FOR ANCHOR BOLT DETAILS SEE DWG. 0800-0001.
3. ALL CONCRETE THIS DWG TO BE 3000 PSI.
4. ELEVATIONS ARE BASED UPON A DATUM OF EL. 100'-0" EQUALS EL. 119'-6" (ACTUAL).
5. ALL GROUT THIS DWG TO BE PORTLAND CEMENT GROUT.

THERMAL ENERGY DEV. PART.
STOCKTON, CALIFORNIA

Harbert International, Inc.
BIRMINGHAM, ALABAMA

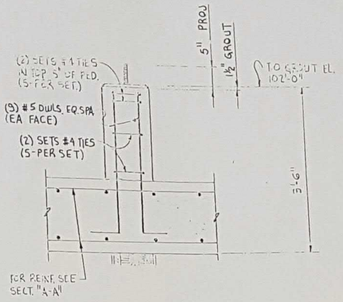
NOTICE	PROFESSIONAL	SCALE 1/2"=1'-0"	DATE

TRACY BIOMASS POWER PLANT

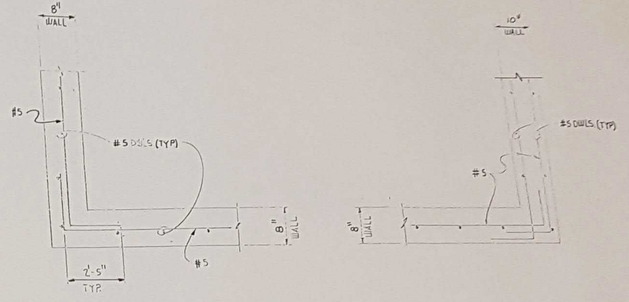


PLAN

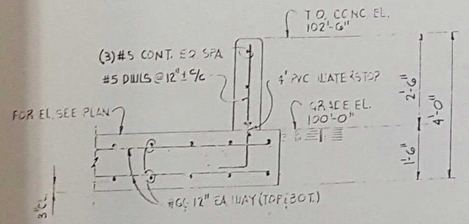
SULFURIC ACID TANK FDN.
¼"=1'-0"



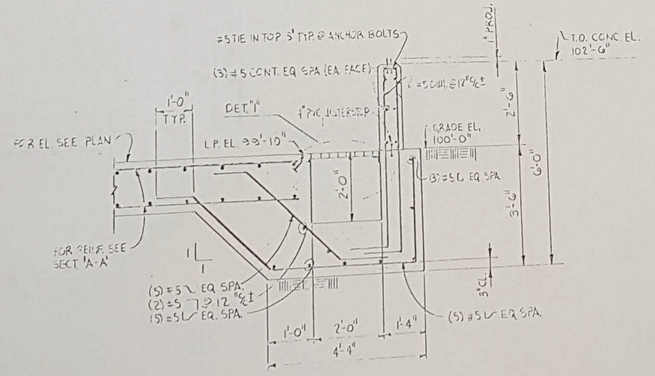
SECTION "C-C"
¾"=1'-0"



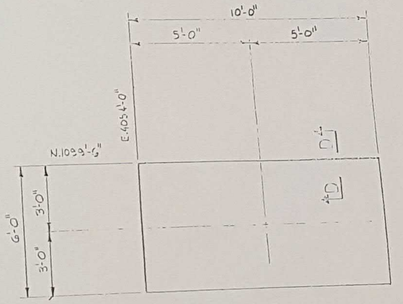
CORNER DETAILS
¾"=1'-0"



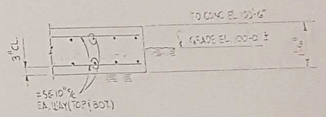
SECTION "A-A"
½"=1'-0"



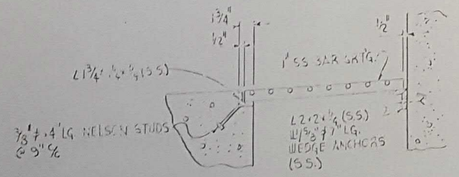
SECTION "B B"
½"=1'-0"



DEMINERALIZER FDN.
N.T.S.



SECTION "D-D"
N.T.S.



DETAIL "1"

NOTES:
1. FOR CONCRETE GENERAL NOTES SEE DWG. [illegible]
2. WEDGE ANCHORS SHALL BE S.S. "ϕ HEX ANCHORS AS MANUFACTURED BY PHILLIPS DRILL CO. INC. OR AN APPROVED EQUAL.
3. FOR STANDARD ANCHOR BOLT DETAILS SEE DWG. 8826-1023-101

ISSUE FOR CONSTRUCTION
DATE: ——
SEP [illegible]

REVISED DRAWING

RPM ENGINEERING INC.
Project No. 1053

THERMAL ENERGY DEV. PART. STOCK [illegible]

Harbi[illegible] BIRMINGHAM, ALABAMA

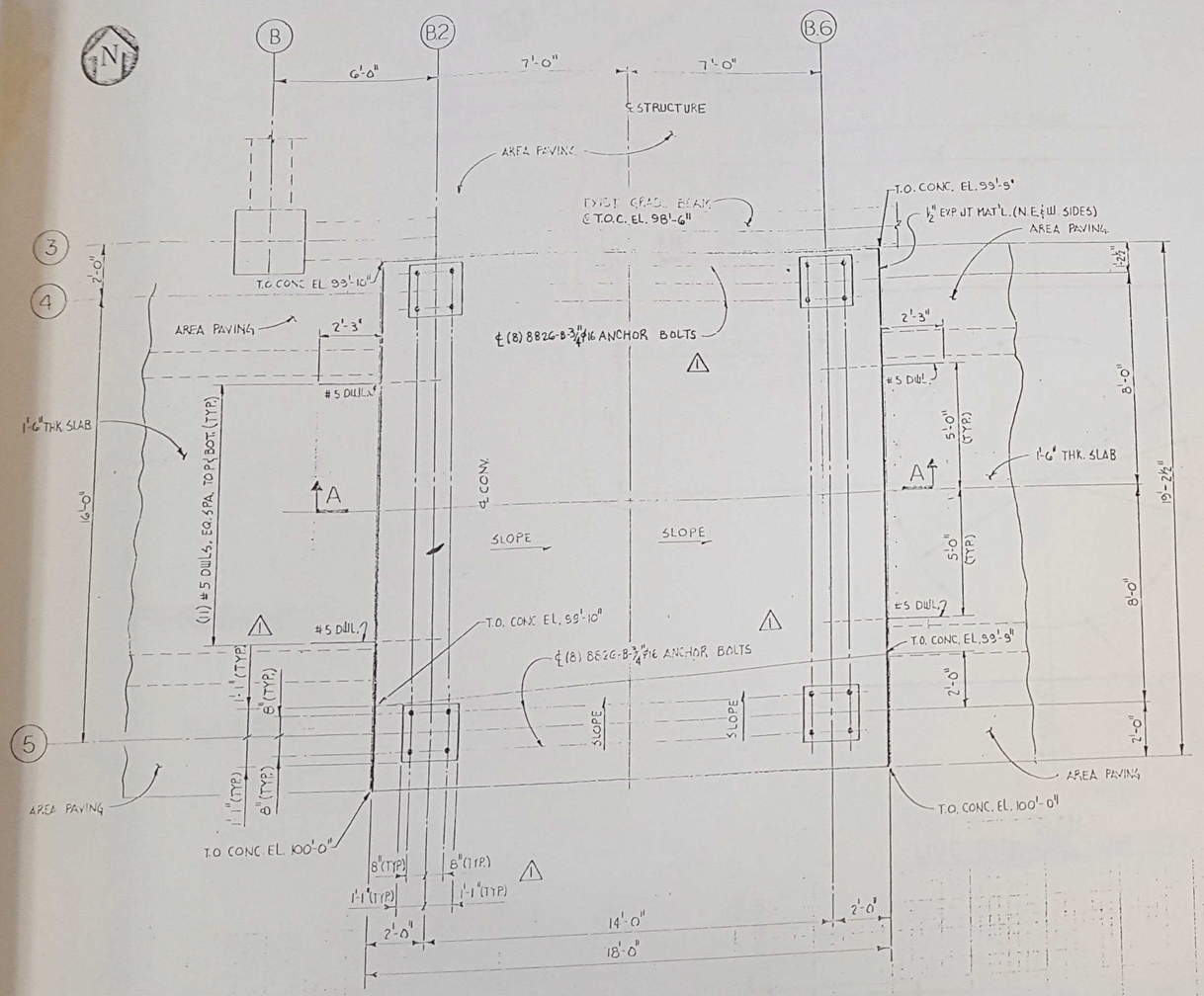
TRACY BIOMASS POWER PROJECT NUMBER 8826-22

TRACY BIOMASS POWER PLANT
MISC. FOUNDATIONS
AREA 10

SCALE NOTED	DATE 8/59
DESIGNED BY: J.P.	9-59
DRAWN BY: J.P.D.	2/60

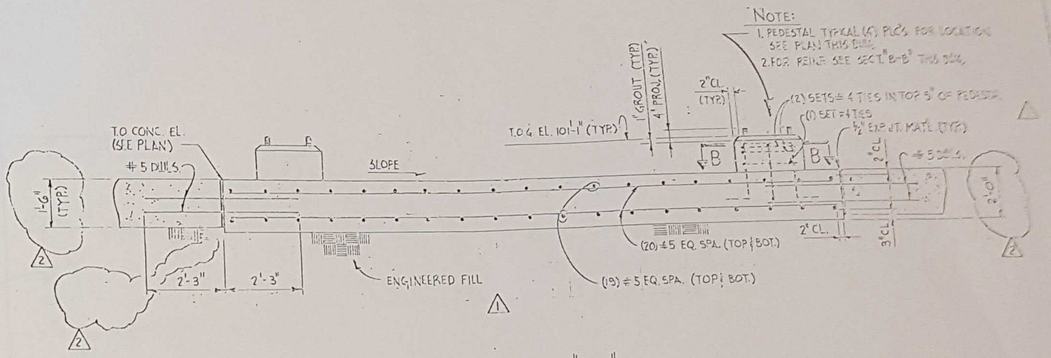
NOTICE
THIS DRAWING HAS NOT BEEN [illegible] BUT RATHER HAS

REGISTERED PROFESSIONAL ENGINEER



PLAN

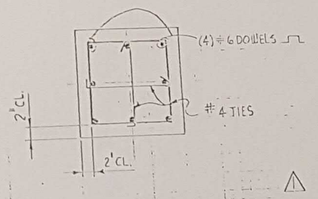
3/8"=1'-0" (FOR LOCATION SEE DWG. 8826-080-0001)



NOTE:
1. PEDESTAL TYPICAL (4), PLCS. FOR LOCATION SEE PLAN THIS DWG.
2. FOR REINF. SEE SECT. "B-B" THIS DWG.

SECTION "A-A"

NTS



SECTION "B-B"

3/4"=1'-0"

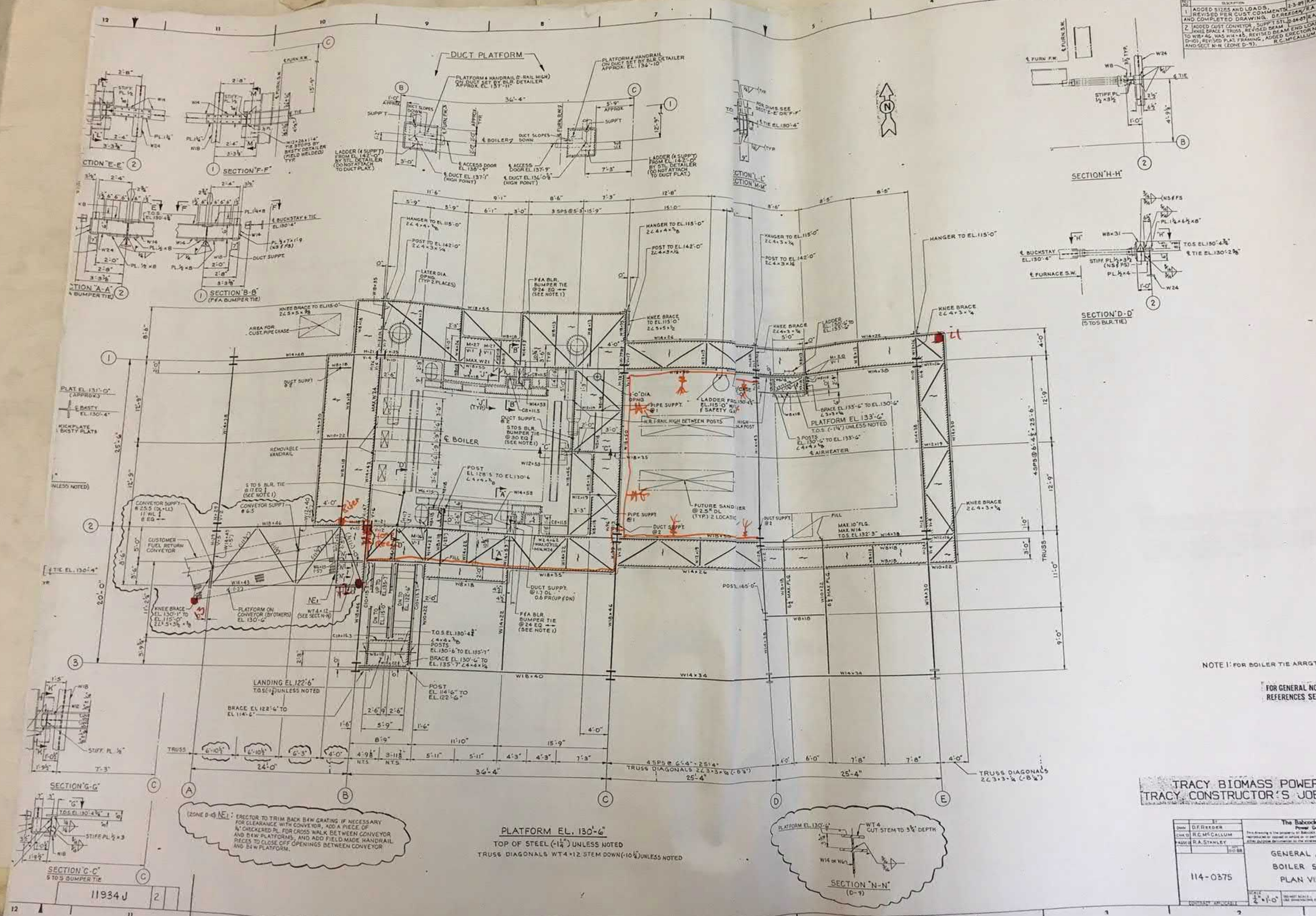
NOTES:
1. FOR CONCRETE GENERAL NOTES SEE DWG. 8826-080-0001.

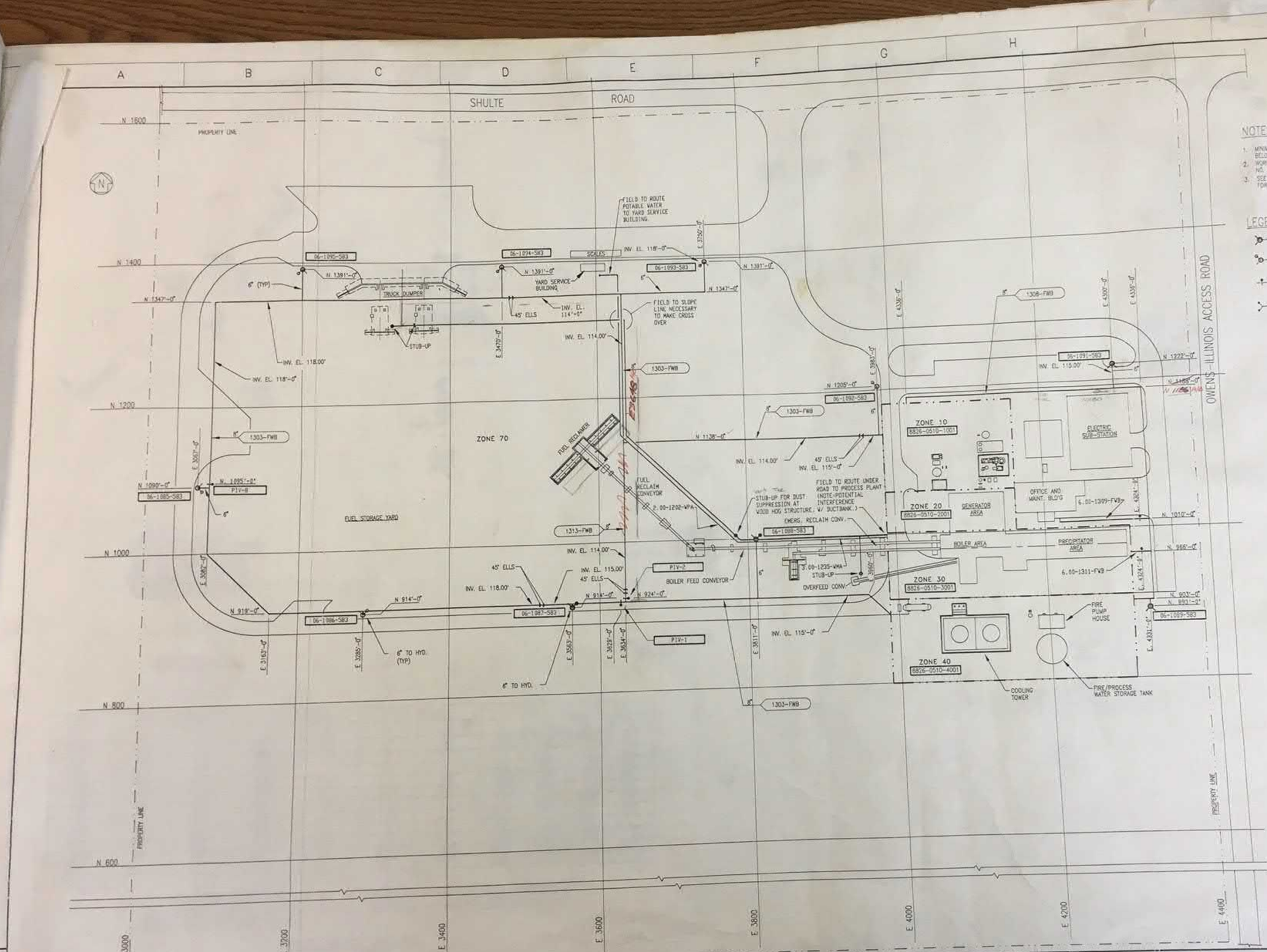
ISSUE FOR CONSTRUCTION
DATE

REVISED DRAWING

RPM ENGINEERING INC.
Project No. 1053
THERMAL
STOCKTON
BIOMASS POWER PLANT

Revisions				
REV. NO.	DESCRIPTION	DATE	APPROVED	
1	ADDED SIZES AND LOADS, REVISED PER CUST. COMMENTS AND COMPLETED DRAWING. D.F. REEDER	2-3-89	R.A. STANLEY	
2	ADDED CUST CONVEYOR, SUPP'T STL. & KNEE BRACE & TRUSS, REVISED BEAM & END LOADS (ZONE D-10), REVISED PLAT. FRAMING, ADDED ERECTOR NOTE (NE1), AND SECT N-N (ZONE D-9). TO W18×46, WAS W14×45, REVISED BEAM & END LOADS (ZONE D-10). R.C. McCALLUM	2-24-89	R.A. HEATH	





NOTES:

1. MINIMUM COVER ON FIRE MAINS SHALL BE 3'-0" BELOW FINISHED GRADE.
2. WORK TO BE DONE IN ACCORDANCE WITH SPECIFICATION NO. 1530/01: EXTERIOR FIRE PROTECTION SYSTEM.
3. SEE DESIGNATED UNDERGROUND PIPING ZONE DRAWINGS FOR CONTINUATION OF FIRE WATER PIPING.

LEGEND

- FIRE HYDRANT
- FIRE HYDRANT W/MONITOR NOZZLE
- POST INDICATOR VALVE
- FIRE DEPARTMENT SIAMESE CONNECTION

NO.	REVISIONS	MADE	CKD.	DATE
0	ISSUED FOR CONSTRUCTION	JWB	TKET	6-9-89
D	ISSUED FOR DESIGN	JWB	ESR	3-28-89

CAD DWG NO. TRACY/0510001

DRAWING NO.

REFERENCES

GRAPHIC SCALE 1/2" 0" 1"

NOTICE

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SCALE 1"=80'	DATE
DESIGNED BY: ESR	3-21-89
DRAWN BY: JWB	3-23-89
CHECKED BY: ESR	3-24-89
SUPV. BY:	
SUBM'TD BY:	
APP'D BY:	
APP'D BY:	

SITE PLAN
UNDERGROUND PIPING PLAN

TRACY CONSTRUCTORS
BIRMINGHAM, ALABAMA

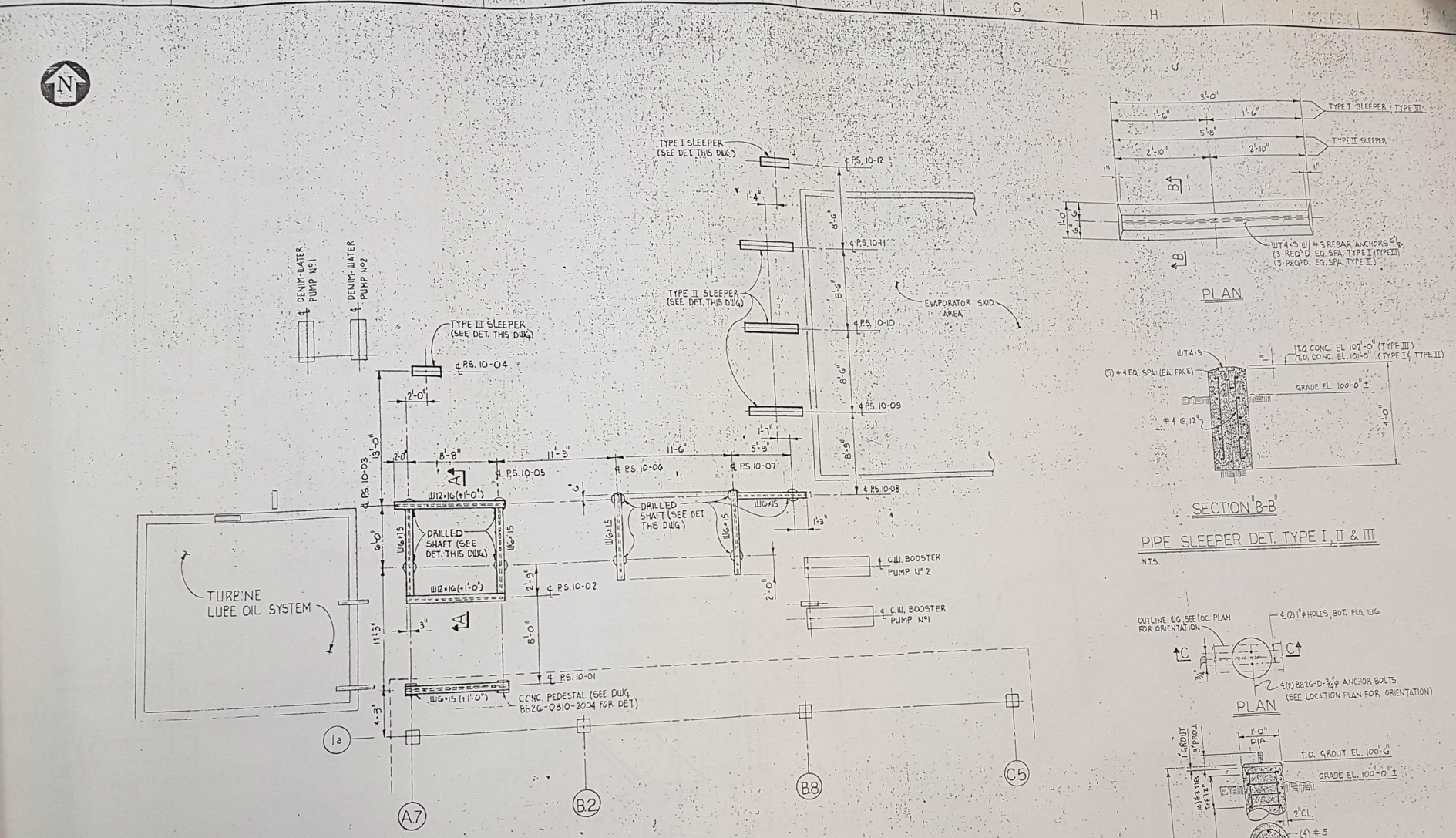
THERMAL ENERGY DEV. PART.
STOCKTON, CALIFORNIA

Harbert International, Inc.
BIRMINGHAM, ALABAMA

TRACY BIOMASS POWER PROJECT NUMBER 8826-0510

DRAWING NUMBER 8826-0510-0001 0

R4 03-2



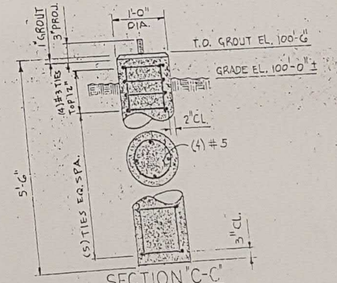
MISC. PIPE SUPPORT LOCATION PLAN
(T.O.S. EL. 101'-0" UNLESS NOTED)
3/16"=1'-0"

PLAN

SECTION "B-B"

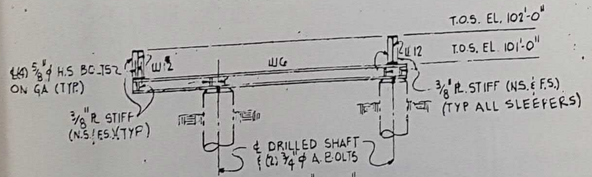
PIPE SLEEPER DET. TYPE I, II & III
N.T.S.

PLAN



SECTION "C-C"

DRILLED SHAFT DETAIL
3/4"=1'-0"



SECTION "A-A"
3/8"=1'-0"

NOTES:
1. FOR STRUCTURAL STEEL GENERAL NOTES, SEE DWG. 8826-0810-2001.
2. FOR CONCRETE GENERAL NOTES, SEE DWG. 8826-0810-0001.

ISSUE FOR CONSTRUCTION
DATE: AUG 31 1989

RPM ENGINEERING INC.
Project No. 1053

THERMAL ENERGY DEV. PART.
STOCKTON, CALIFORNIA

Harbert International, Inc.
BIRMINGHAM, ALABAMA
TRACY BIOMASS POWER PROJECT NUMBER 8826-22

TRACY BIOMASS POWER PLANT
MISC. PIPE SUPPORT LOC. PLAN & DET'S
AREA 10

TRACY CONSTRUCTORS

DRAWING NUMBER 8826-0810-~~1007~~ 1006

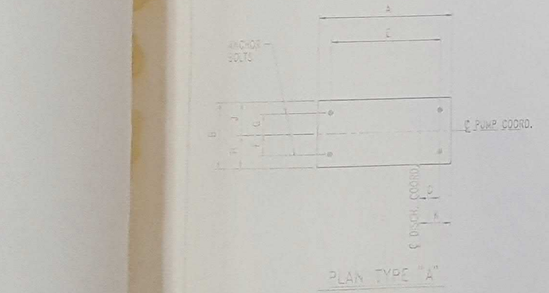
SCALE AS NOTED		DATE
DESIGNED BY:	J.R.	8-89
DRAWN BY:	J.P.D.	8-89
CHECKED BY:	B.T.	8-30-89

NOTICE
THIS DRAWING HAS NOT BEEN PUBLISHED BUT RATHER HAS BEEN PREPARED BY HARBERT INTERNATIONAL FOR USE BY THE ... IN THE TITLE

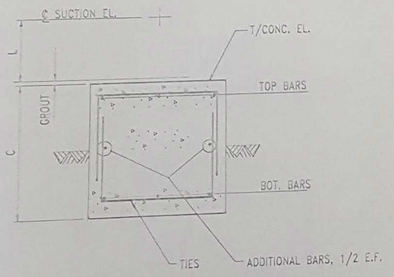
REGISTERED PROFESSIONAL ENGINEER
WINNIBALD FERNANDES
CE28757

PUMP FOUNDATION SCHEDULE

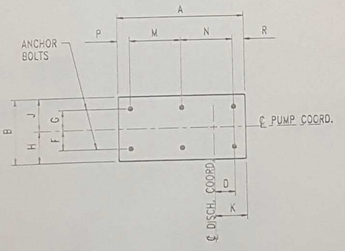
PUMP DESCRIPTION	PUMP NO.	DRAWING LOCATION	FDN TYPE	FOUNDATION DIMENSIONS (INCHES) A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	REINFORCEMENT TOP	BOT	ADD.	TIES	GROUT AND ELEVATIONS GROUT	EL. ℄ SUCT.	T/CONC. EL.	ANCHOR BOLTS NO.	DESIGNATION	T/BOLT EL.	LOCATION (COORDS) ℄ DISCHARGE	℄ PUMP
POTABLE/PROCESS WATER	06-1061-540	1200-4001	A 1	48	24	24	3.25	36.50	4.50	4.50	12	12	9	8.50						3-#5	3-#5	2-#5	#4 @ 12" O.C.	1"	101'-9"	100'-11 1/2"	4	8826-D5/8"øS	101'-5 1/2"	N 892'-9 3/8"	E 4176'-0"
POTABLE/PROCESS WATER	06-1062-540	1200-4001	A 1	48	24	24	3.25	36.50	4.50	4.50	12	12	9	8.50						3-#5	3-#5	2-#5	#4 @ 12" O.C.	1"	101'-9"	100'-11 1/2"	4	8826-D5/8"øS	101'-5 1/2"	N 892'-9 3/8"	E 4172'-0"
COOLING WATER BOOSTER	07-3210-540	0510-1001	A 1	60	24	24	3.25	49.50	6	6	12	12	8.50	12.375						3-#5	3-#5	2-#5	#4 @ 12" O.C.	1"	102'-0 3/8"	100'-11"	4	8826-D5/8"øS	101'-5 7/8"	E 4115'-0"	N 1061'-0"
COOLING WATER BOOSTER	07-3215-540	0510-1001	A 1	60	24	24	3.25	49.50	6	6	12	12	8.50	12.375						3-#5	3-#5	2-#5	#4 @ 12" O.C.	1"	102'-0 3/8"	100'-11"	4	8826-D5/8"øS	101'-5 7/8"	E 4115'-0"	N 1066'-0"
RAW WATER SUPPLY	06-1050-540	1200-4001	A 2	66	24	5	3.25	55.50	7.50	7.50	12	12	7.25	13						3-#5			#4 @ 12" O.C.	1"	102'-1"	100'-11"	4	8826-B5/8"øS	101'-6 1/2"	N 880'-0"	E 4187'-2"
DOMINI WATER	06-2275-540	0510-1001	A 1	54	24	24	3.25	36.50	4.5	4.5	12	12	12	8.50						3-#5	3-#5	2-#5	#4 @ 12" O.C.	1"	101'-10 1/4"	101'-0 3/4"	4	8826-D5/8"øS	101'-6 3/4"	N 1088'-0"	E 4067'-0"
DOMINI WATER	06-2280-540	0510-1001	A 1	54	24	24	3.25	36.50	4.5	4.5	12	12	12	8.50						3-#5	3-#5	2-#5	#4 @ 12" O.C.	1"	101'-10 1/4"	101'-0 3/4"	4	8826-D5/8"øS	101'-6 3/4"	N 1088'-0"	E 4072'-0"
DIKE PUMP	07-1491-540	0510-1001	A 2	48	18	6	3.25	36.50	4.50	4.50	9	9	9	8.50						3-#4			#4 @ 12" O.C.	1"	101'-3 1/2"	100'-6"	4	8826-B5/8"øS	101'-0"	E 4120'-0"	N 1081'-1 1/2"
FIRE WATER (DIESEL)	06-1030-540	1200-4001	B 1	114	48	42	4		16	16	24	24	17	14	29	29	43	13		4-#6	4-#6	4-#6	#4 @ 12" O.C.	1"	102'-4"	101'-1"	6	8826-C3/4"øS	101'-5 1/2"	N 872'-0"	E 4208'-0"
FIRE WATER (ELECTRIC)	06-1025-540	1200-4001	B 1	120	42	30	4.25		13.50	13.50	21	21	14.25	10	30	30	50	10		4-#5	4-#5	2-#5	#4 @ 12" O.C.	1"	102'-4"	101'-5"	6	8826-C3/4"øS	101'-9 1/2"	N 872'-0"	E 4192'-0"
JACKEY PUMP	06-1035-540	1200-4001	A 2	16	16	17	3.72	7.44	3.72	3.72	8	8	8	2.125						3-#4		2-#5	#4 @ 12" O.C.	1"	102'-2 1/4"	101'-11 1/8"	4	8826-B1/2"øS	102'-2"	E 4195'-6"	N 869'-11 3/8"



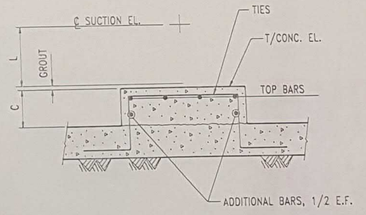
PLAN TYPE "A"



SECTION – TYPE "1"



PLAN TYPE "B"



SECTION – TYPE "2"

NOTES:

1. FOR GENERAL CONCRETE NOTES SEE DWG. 0800-0002.
2. FOR ANCHOR BOLT DETAILS SEE DWG. 0800-0001.
3. ALL CONCRETE THIS DWG TO BE 3000 PSI.
4. ELEVATIONS ARE BASED UPON A DATUM OF EL. 100'-0" EQUALS EL. 119'-6" (ACTUAL).
5. ALL GROUT THIS DWG TO BE A MANUFACTURED NON-SHRINK GROUT.

THERMAL ENERGY DEV. PART.
STOCKTON, CALIFORNIA

Harbert International, Inc.
BIRMINGHAM, ALABAMA

TRACY BIOMASS POWER PROJECT NUMBER 8826-02

	MADE	CKD.	DATE
ISSUED FOR CONSTRUCTION	JWB	WGW	8-10-89
ISSUED FOR APPROVAL	JWB	WGW	8-19-89

REVISIONS

DRAWING NO.

REFERENCES

GRAPHIC SCALE 1/2" 0" 1"

NOTICE
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Diane Jenner
Sep 9 30 90

SCALE NONE		DATE
DESIGNED BY:	WGW	5-30-89
DRAWN BY:	JWB	5-30-89
CHECKED BY:		
SUPV. BY:		
SUBM'TD BY:		
APP'D BY:		
APP'D BY:		

TRACY BIOMASS POWER PLANT
PUMP FOUNDATIONS

TRACY CONSTRUCTORS
BIRMINGHAM, ALABAMA

DRAWING NUMBER 8826-0800-0003 0

R3-B7-3

INSTALL 2358' OF 4"DFP STEEL MAIN ON C/L OF 12' RIGHT-OF-WAY TO BE OBTAINED BY G.O. LAND DEPT.

OWENS-ILLINOIS ACCESS ROAD

SCHULTE ROAD

THERMAL ENERGY DEVELOPMENT
COGENERATION PLANT

OWENS-ILLINOIS PLANT

SPUR TRACK

4" DFM STL GAS SERVICE EXISTING OPERATING AT 189 PSIG

CONVERT 1755' OF 4" STL. GAS SERVICE TO MAIN. LAND DEPT. TO OBTAIN 12' WIDE RIGHT OF WAY.

SOUTHERN PACIFIC RR

STANPAC REGULATOR SET 189 PSIG OUTLET

500# MAOP, 890# DP
26" STANPAC #2

WORK RECAP - FOREMAN'S NOTES

1. CONVERT 1700' OF 4" DFP STL SERVICE TO MAIN. (FOR ACCOUNTING PURPOSES ONLY)
2. INSTALL 2350' OF 4" STL DFP GAS MAIN.
3. INSTALL (1) 4" STL DFP SERVICE.
4. INSTALL 38M125 ROOTS ROTARY METER SET.
5. INSTALL CATHODIC PROTECTION (2 - 32# MAG. ANODES)
6. G.O. LAND TO OBTAIN AND STAKE PROPOSED 12' WIDE RIGHT-OF-WAY OVER EXISTING (CONVERTED), AND PROPOSED 4" GAS MAIN.
7. NEW MAIN TO BE INSTALLED ON C/L OF RIGHT-OF-WAY WITH 42" MINIMUM COVER.
8. SEE SHEET 1 OF 9 FOR MAINLINE BILL OF MATERIALS.
9. SEE SHEET 5 OF 9 FOR METER SET DETAILS.
10. SEE SHEET 8 OF 9 FOR METER SET BILL OF MATERIALS.
11. ALL WORK IS TO BE PERFORMED ON PRIVATE PROPERTY. NO PERMITS ARE REQUIRED.

LEGEND

EXISTING GAS MAIN
PROPOSED GAS MAIN
(1) GAS FITTING--SEE BILL OF MAT'LS

PLEASE CALL U.S.A. AT LEAST 48 HOURS PRIOR TO EXCAVATING IN THIS AREA
1-800-642-2444

WALL MAP 3169-87

DESIGN CRITERIA

LOCATION CLASS 3
DESIGN FACTOR .5
D.P. 225 % SMYS 11.33
MAOP 189 % SMYS 4.49
STRENGTH TEST PRESSURE
MAX. 535 PSIG 24.22 % SMYS
MIN. 413 PSIG 17.82 % SMYS
2184 PSIG=90% SMYS
TEST FLUID WATER
PIPE SPEC. API 5L GR B ERW 35K SMYS
O.D. 4.5"
W.T. .156"
WELD INSPECTION (GAS STD. D-40)
[X] VISUAL
[ ] RADIOGRAPHIC
[ ] 20% MIN.
[X] 100%

WELDING INSPECTED PER P.G. & E. GAS STANDARD D-40
BY: _____
INSPECTOR

VICINITY MAP
NO SCALE

MADE	CKD.	DATE	DRAWING NO.
JWB			
JWB	ESR	J-28-89	

DATE	DESCRIPTION	GM/SPEC	DWN.	CHKD.	SUPV.	APVD. BY
	REVISIONS					

APPROVED BY
OM 4774162
SUPV. RSC
DSGN. DL HALE
DWN. DL HALE
CHKD. RMD
D.K. RSC
DATE 5-89
SCALES 1"=100'

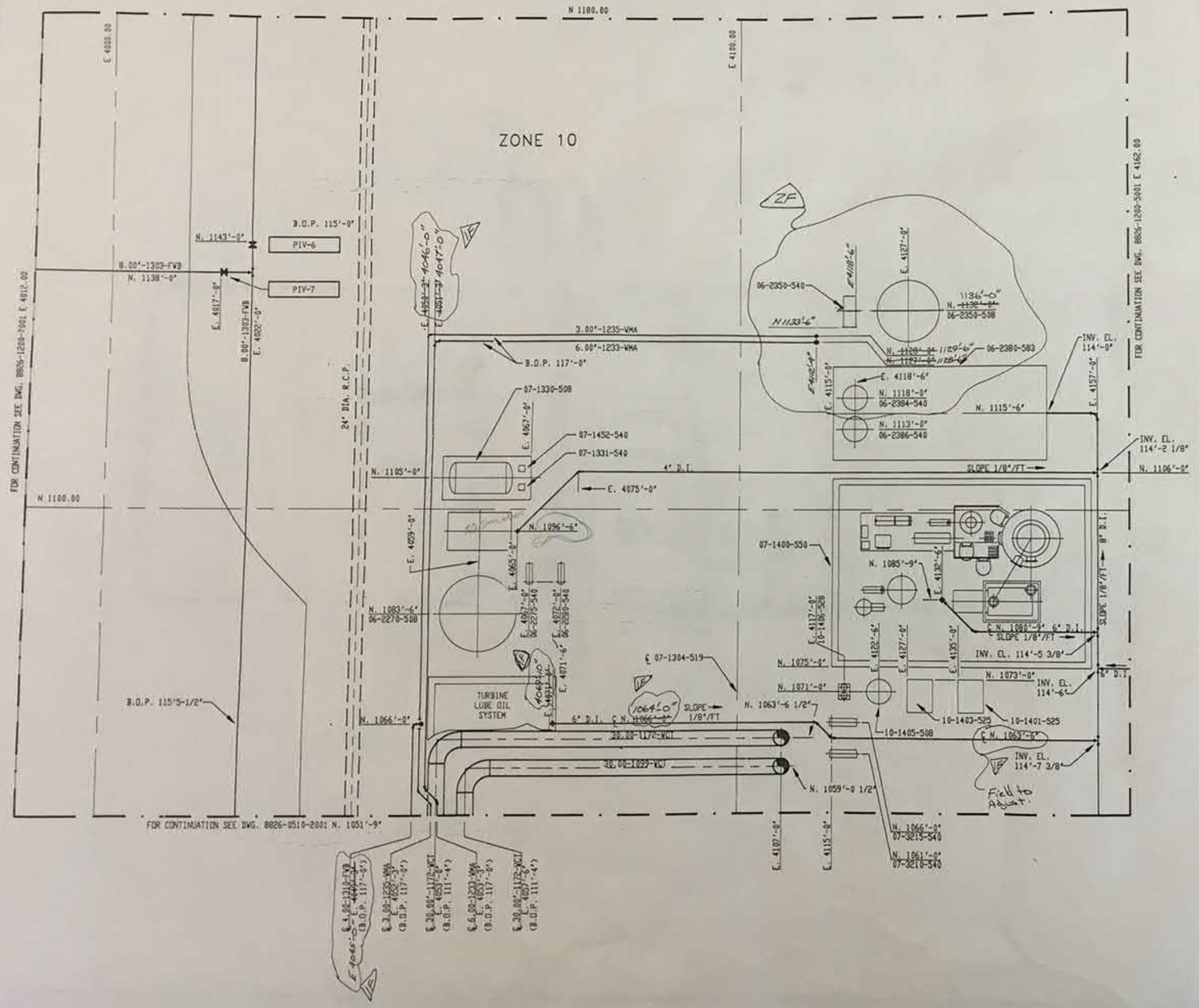
THERMAL ENERGY DEVELOPMENT

INSTALL 4" GAS & MTR SET
SCHULTE ROAD TRACY
STOCKTON DIV. SJ VALLEY REGION

PACIFIC GAS AND ELECTRIC COMPANY
SAN FRANCISCO, CALIFORNIA

BILL OF MATL 7 of 9
DWG LIST
SUPSDS
SUPSD BY
SHEET NO. 9 OF 9 SHEETS
0734038812
REV.

R4-B3-1



EQUIPMENT TAG NO.	EQUIPMENT NAME
06-2350-508	DUST SUPPRESSION TANK
06-2350-540	DUST SUPPRESSION PUMP
06-2380-583	OILY/WATER SEPARATOR
06-2384-540	MAIN SUMP PUMP
06-2386-540	MAIN SUMP PUMP
07-1400-550	EVAPORATOR SYSTEM
07-3210-540	COOLING WATER BOOSTER PUMP
07-3215-540	COOLING WATER BOOSTER PUMP
10-1401-525	AIR COMPRESSOR NO. 1
10-1403-525	AIR COMPRESSOR NO. 2
10-1406-528	AIR DRYER
10-1405-508	AIR RECEIVER
07-1330-508	ACID TANK
07-1452-540	EVAPORATOR ACID PUMP
07-1331-540	COOLING TOWER ACID PUMP
06-2270-508	DEMINERALIZED WATER TANK
06-2275-540	DEMINERALIZED WATER PUMP
06-2280-540	DEMINERALIZED WATER PUMP

NOTE: ALL B.O.P. AND INVERT ELEVATIONS ARE BASED ON BASELINE PLANT GRADE OF 119'-6".

REVISED DRAWING

REVISIONS	MADE	CKD.	DATE
Dust Suppression Tank & Pump and Demineralizer Skids & O/W Separator.	Bill Tom		8/4/89
Plans due to Relocation of Turbine Lube Oil Fdn.	Bill Tom		9/01/89
FOR CONSTRUCTION	KBY	TYCOL	5/10/89

DRAWING NO. | REFERENCES

NOTICE
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SCALE	DATE
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
SUPV. BY:	
SUBM'TD BY:	
APP'D BY:	
APP'D BY:	

GRAPHIC SCALE 1/2" 0" 1"

UNDERGROUND PIPE
ZONE 10

TRACY CONSTRUCTORS
BIRMINGHAM, ALABAMA

THERMAL ENERGY DEV. PART.
STOCKTON, CALIFORNIA

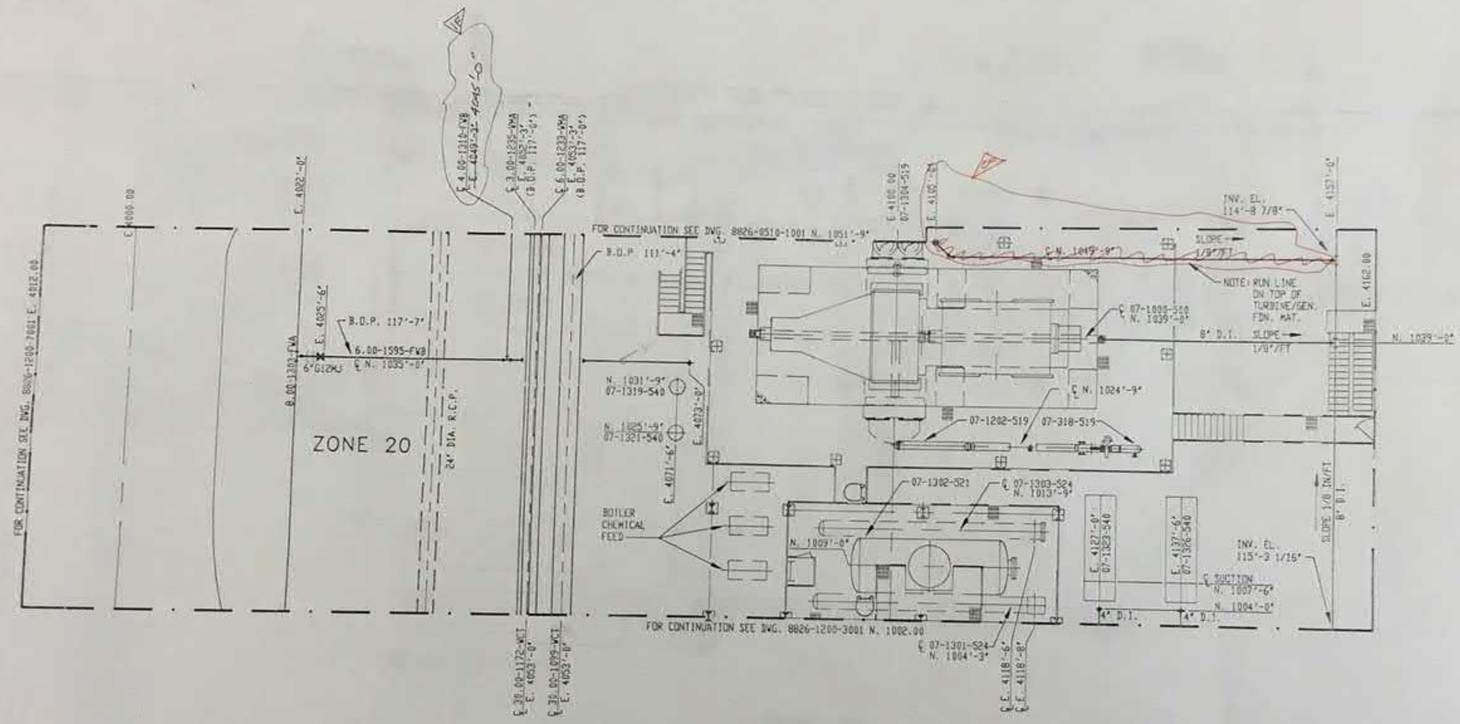
Harbert International, Inc.
BIRMINGHAM, ALABAMA

TRACY BIOMASS POWER PROJECT NUMBER 8826-22

DRAWING NUMBER 8826-0510-1001 REV. NO. 02

R4-B3-4

EQUIPMENT TAG NO.	EQUIPMENT NAME
07-1304-519	SURFACE CONDENSER
07-1232-519	GLAND STEAM CONDENSER
07-1318-519	SJAE INTER/AFTER CONDENSER
07-1303-540	BOILER FEEDWATER PUMP
07-1306-540	BOILER FEEDWATER PUMP
07-1302-521	DEAERATOR
07-1303-524	LOW PRESSURE FEEDWATER HEATER
07-1301-524	HIGH PRESSURE FEEDWATER HEATER
07-1319-540	CONDENSATE PUMP
07-1321-540	CONDENSATE PUMP



NOTE: B.O.P. AND INVERT ELEVATIONS ARE BASED ON BASELINE POINT GRADE OF 119'-6".

REVISIONS	MADE	CKD.	DATE	DRAWING NO.
00, Elevation Note @ N. 1049'-9"				
Piping due to Relocation of Turbine Line On FDN			6/27/89	
FOR CONSTRUCTION	KBY		6/89	

REFERENCES

GRAPHIC SCALE 1/2" 0" 1"

NOTICE
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DRAWN BY:	
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APP'D BY:	

UNDERGROUND PIPING
ZONE 20

TRACY CONSTRUCTORS
BIRMINGHAM, ALABAMA

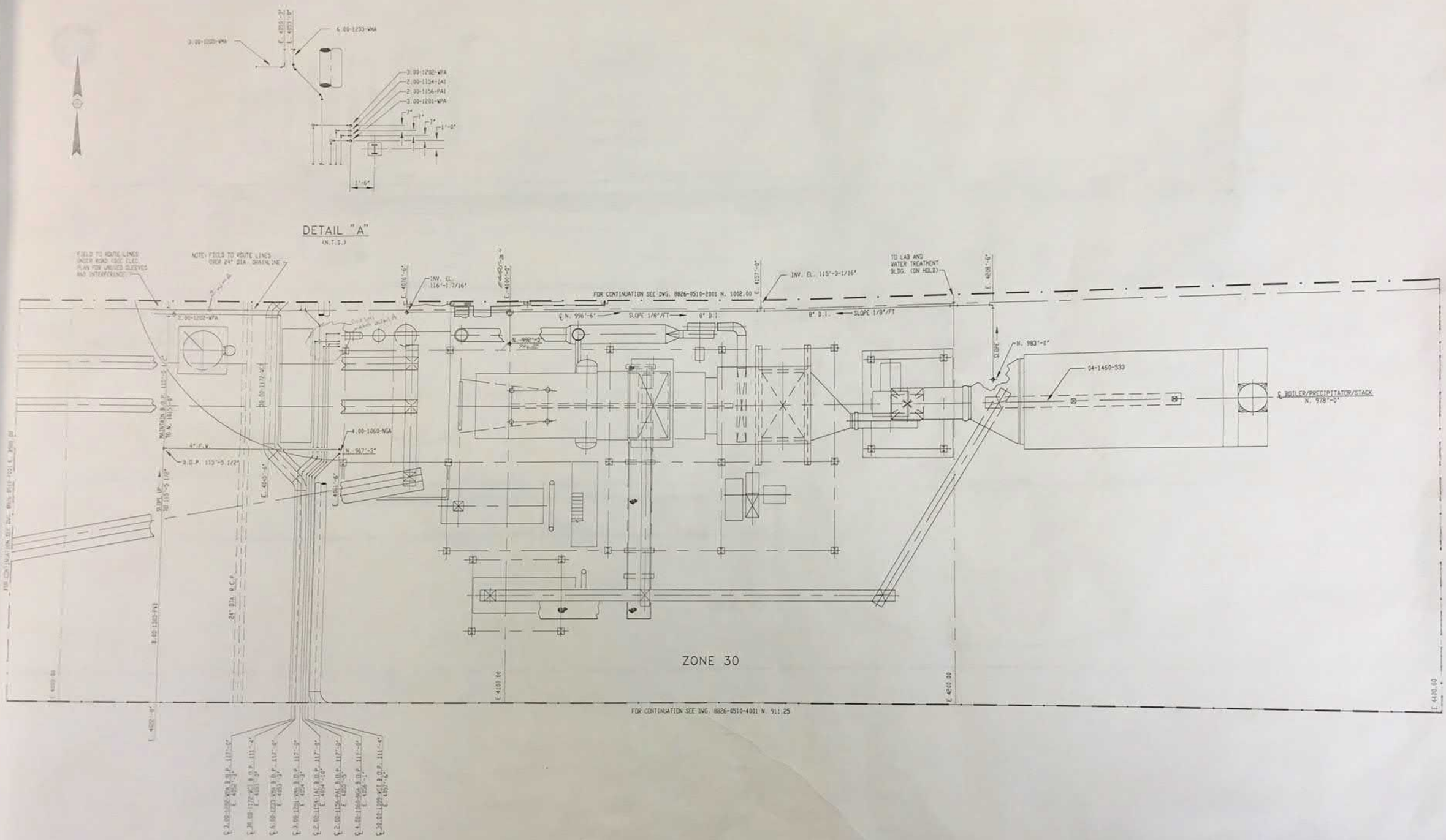
THERMAL ENERGY DEV. PART.
STOCKTON, CALIFORNIA

Harbert International, Inc.
BIRMINGHAM, ALABAMA

TRACY BIOMASS POWER PROJECT NUMBER [illegible]

DRAWING NUMBER 8826-0510-200 [illegible]

R4-83-5



NO.	REVISIONS	MADE	CKD.	DATE	DRAWING NO.	REFERENCES
A	ISSUED FOR APPROVAL	KBY	[illegible]	5/89		

NOTICE
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UNDERGROUND PIPING
ZONE 30

TRACY CONSTRUCTORS
BIRMINGHAM, ALABAMA

THERMAL ENERGY DEV. PART.
STOCKTON, CALIFORNIA

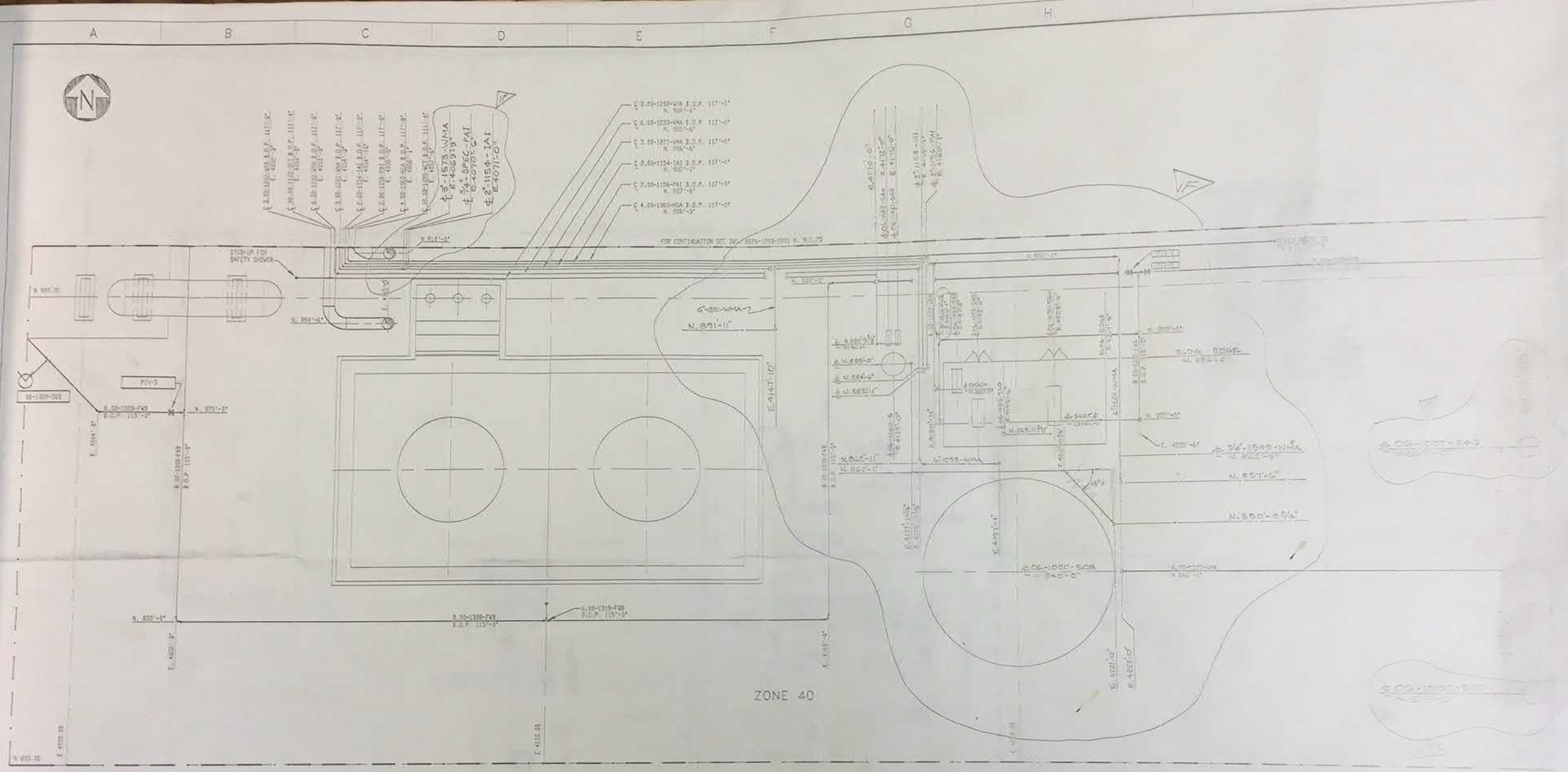
Harbert International, Inc.
BIRMINGHAM, ALABAMA

TRACY BIOMASS POWER PROJECT NUMBER 8826-22

DRAWING NUMBER 8826-0510-3001 REV. NO. A

GRAPHIC SCALE 1/2" 0" 1"

R4-83-6



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ISSUED FOR CONSTRUCTION	KBY	[illegible]	6/89		

GRAPHIC SCALE 1/2" 0" 1"

UNDERGROUND PIPING
ZONE 40

TRACK CONSTRUCTORS
BIRMINGHAM, ALABAMA

THERMAL ENERGY DEV. PART
STOCKTON, CALIFORNIA

R4-B3-7

Greenleaf POWER

Overview of TED Site Foundations and Wells

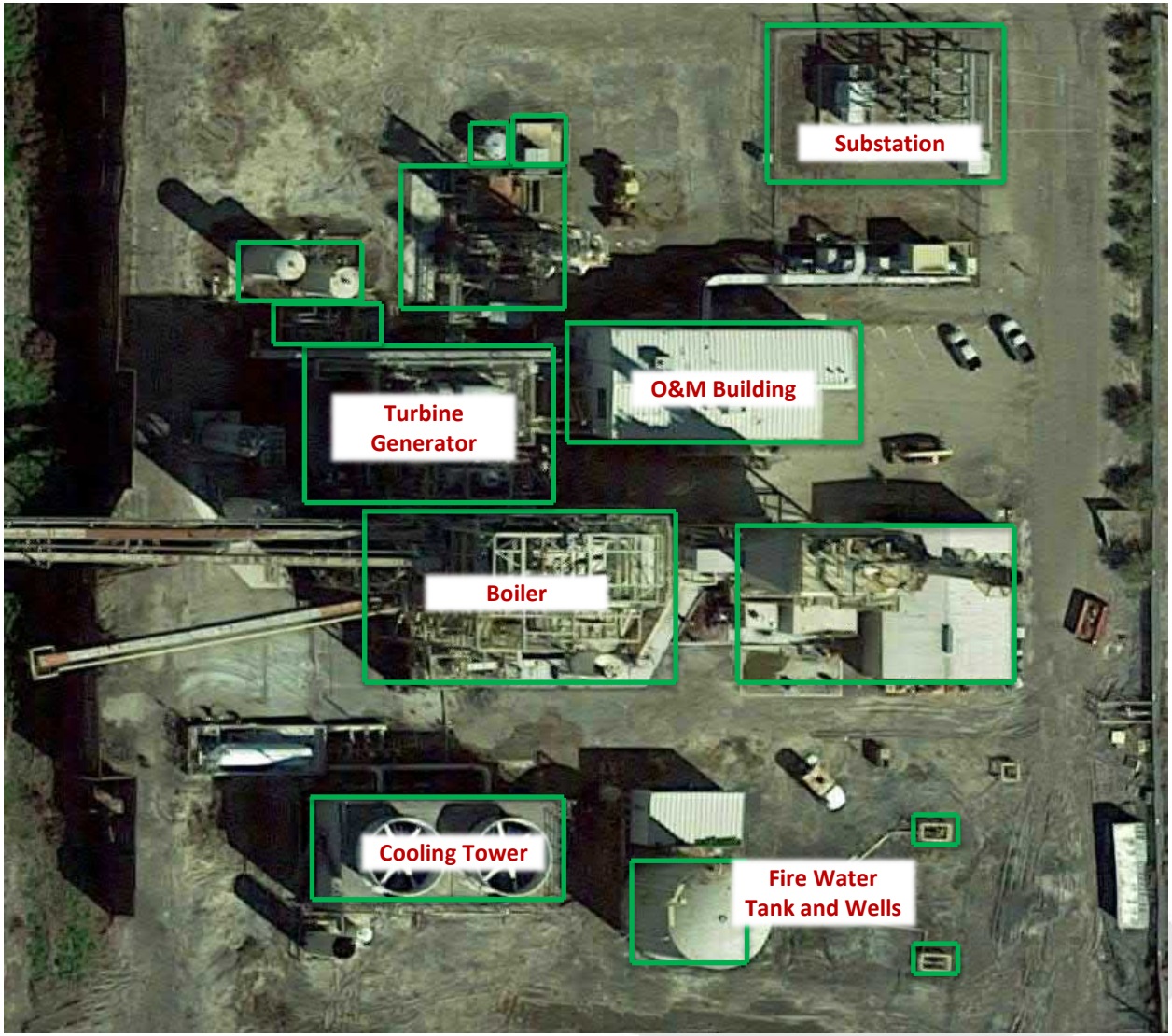
Prepared for
CBRE Advisory & Transaction Services

July 2017

TED Site Layout – Energy Storage Project

- Currently proposed

Tracy Site Foundations



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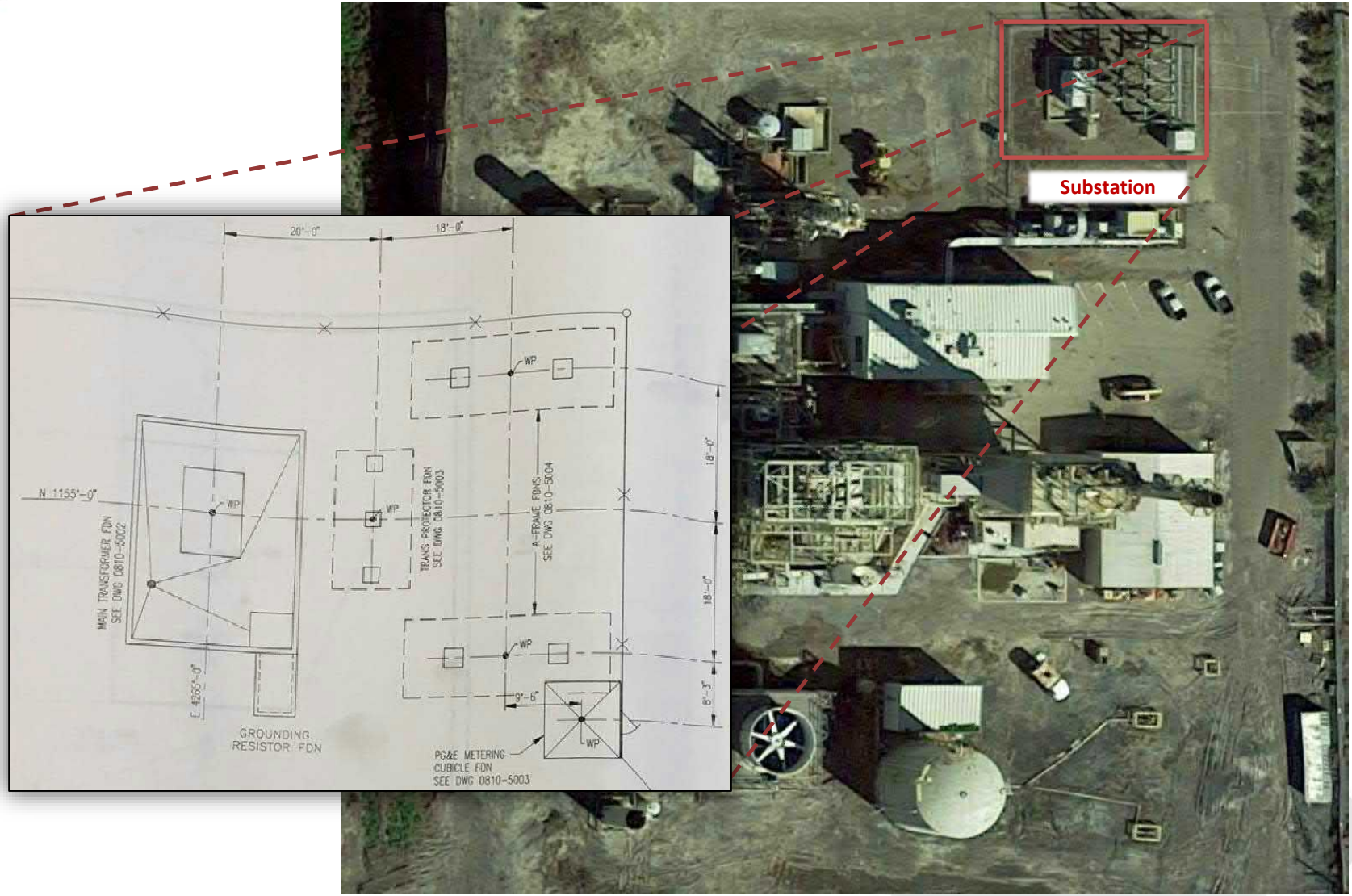

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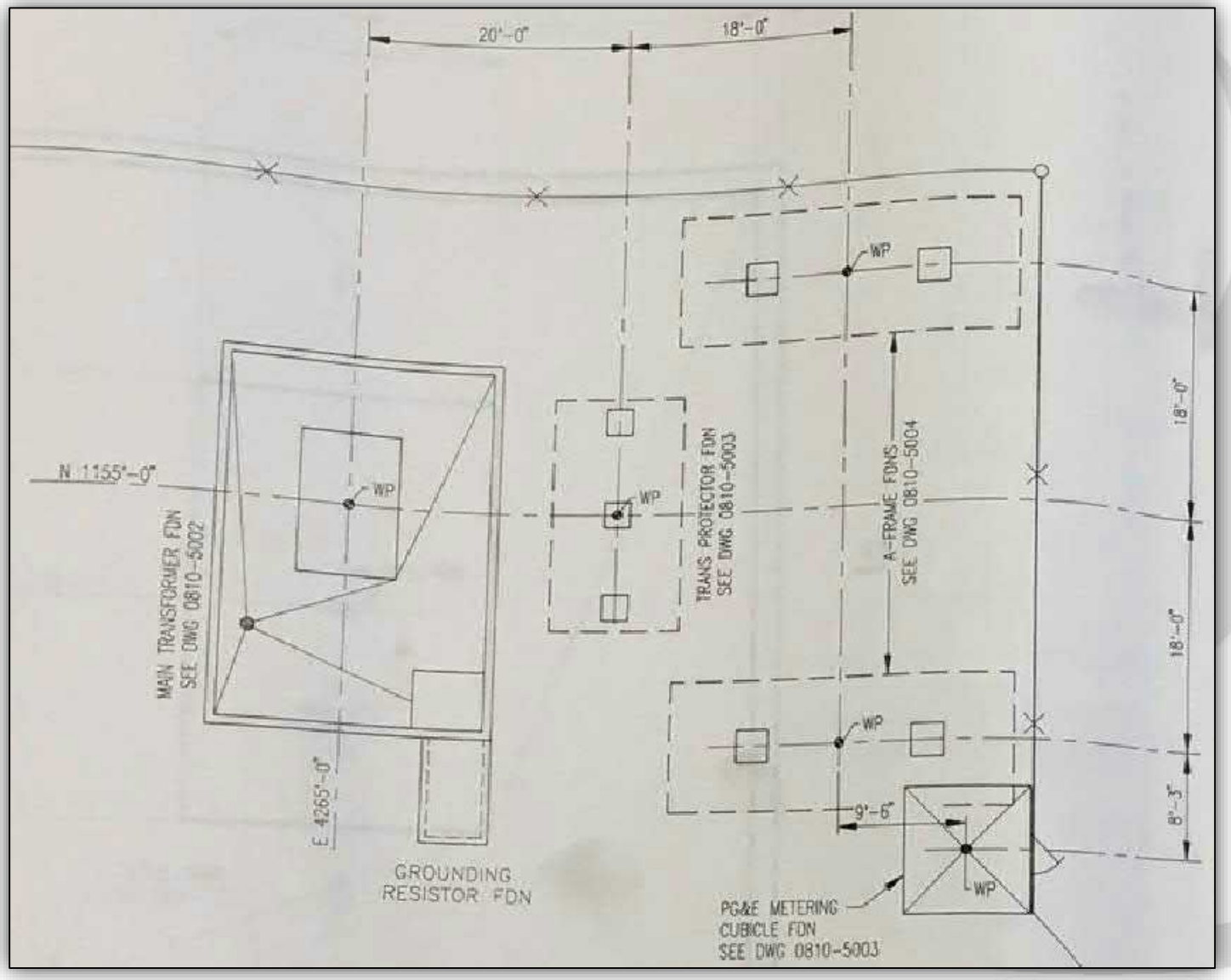

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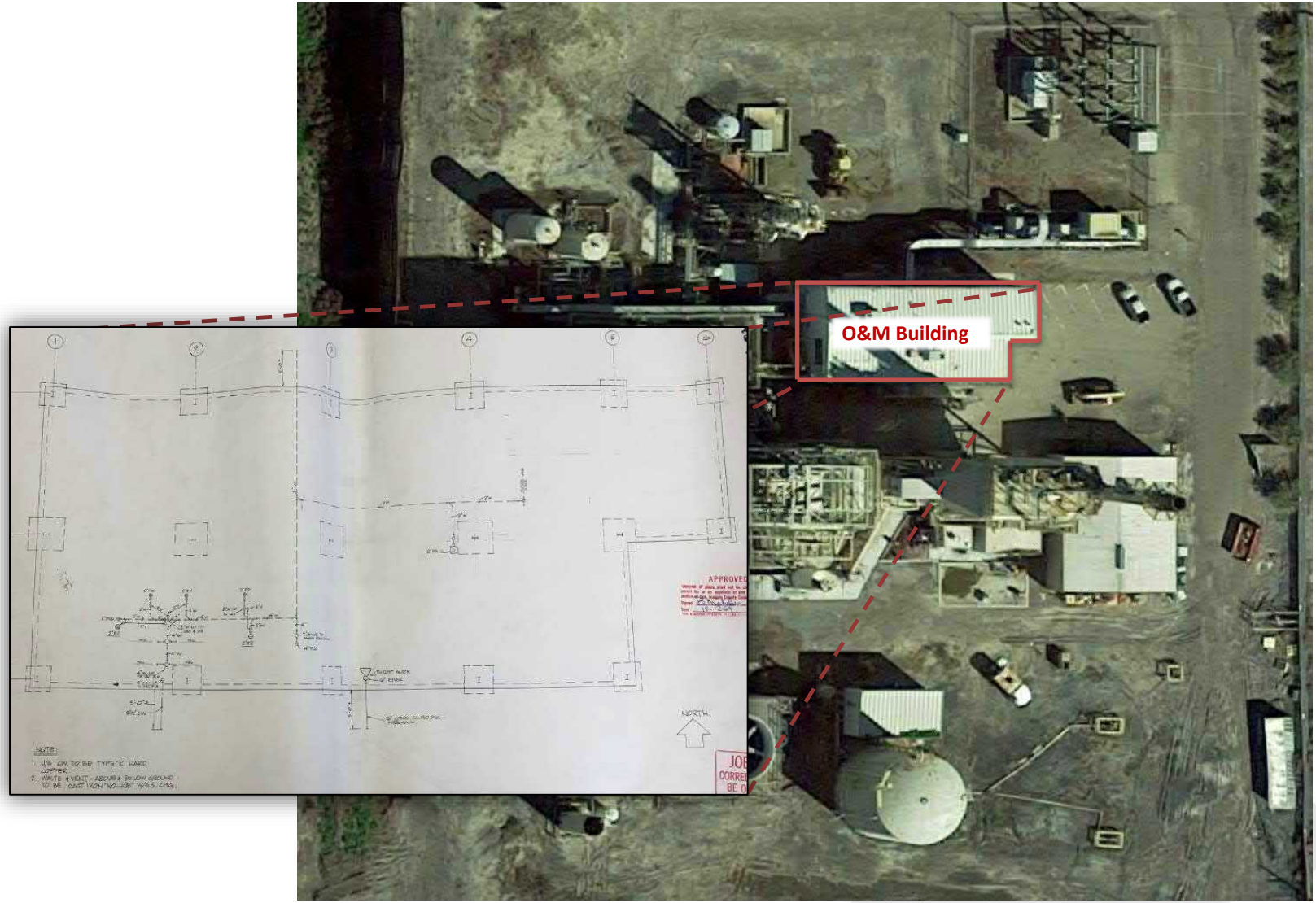

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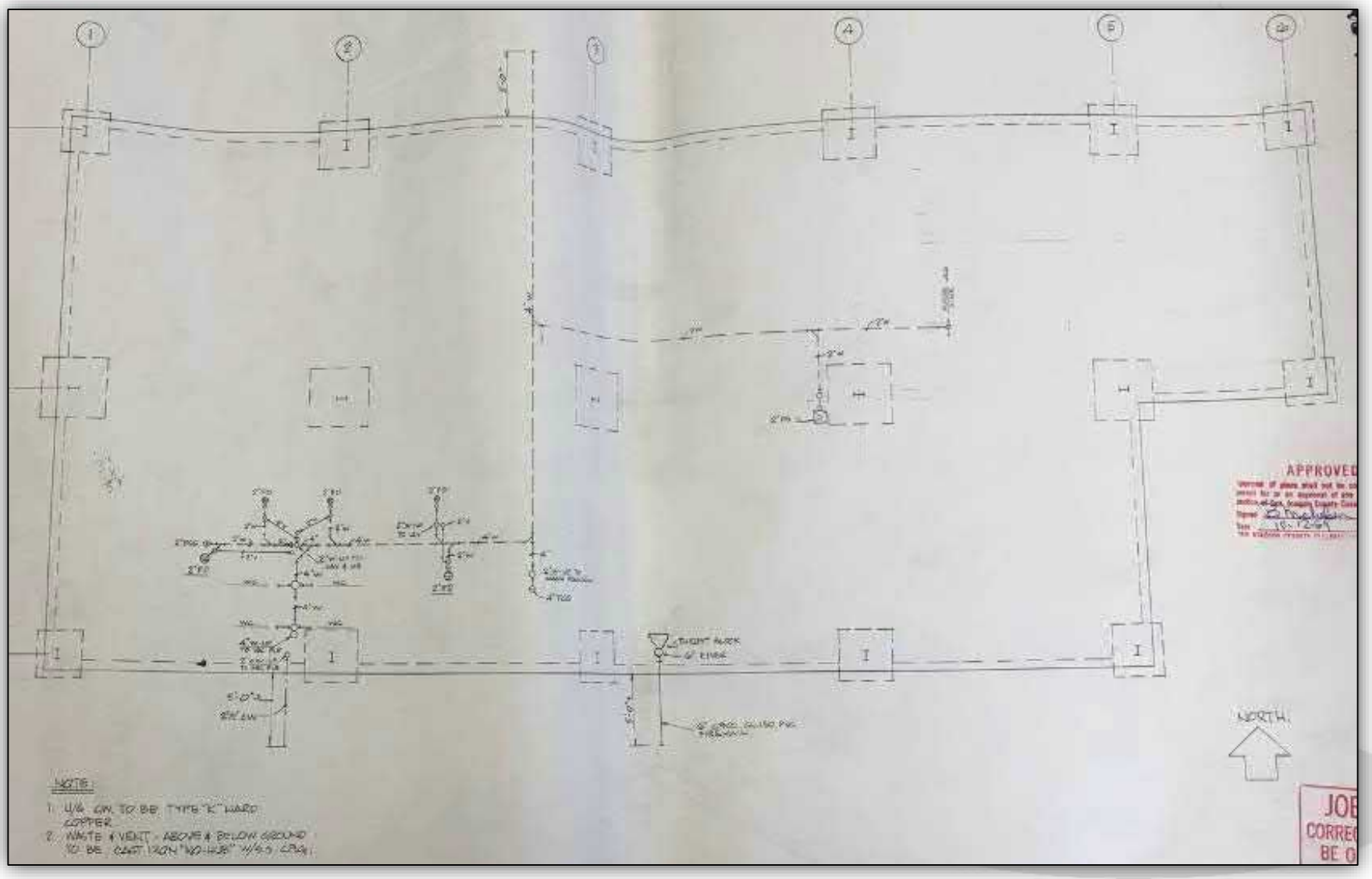
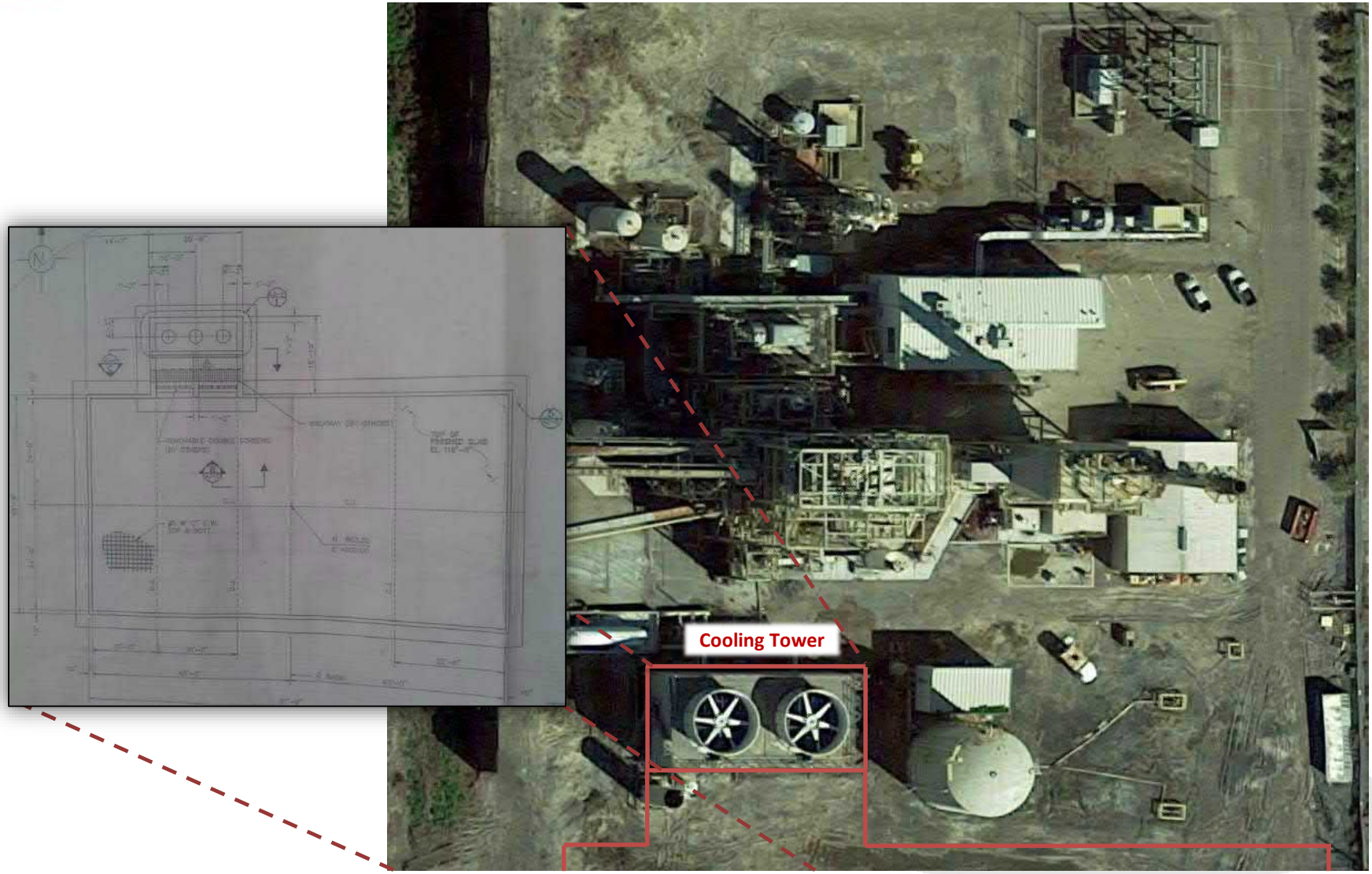


Tracy Site Foundations – Cooling Tower



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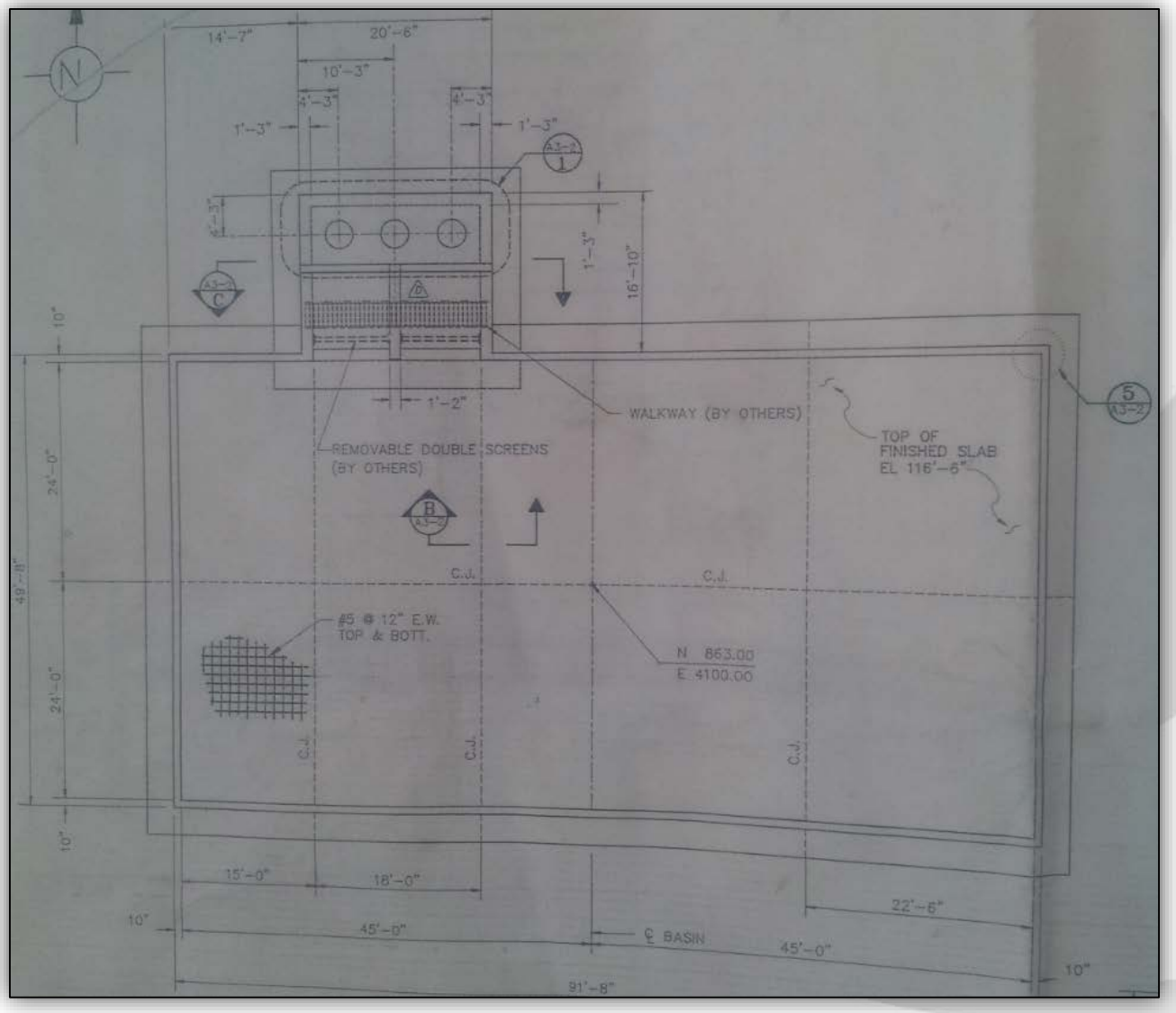

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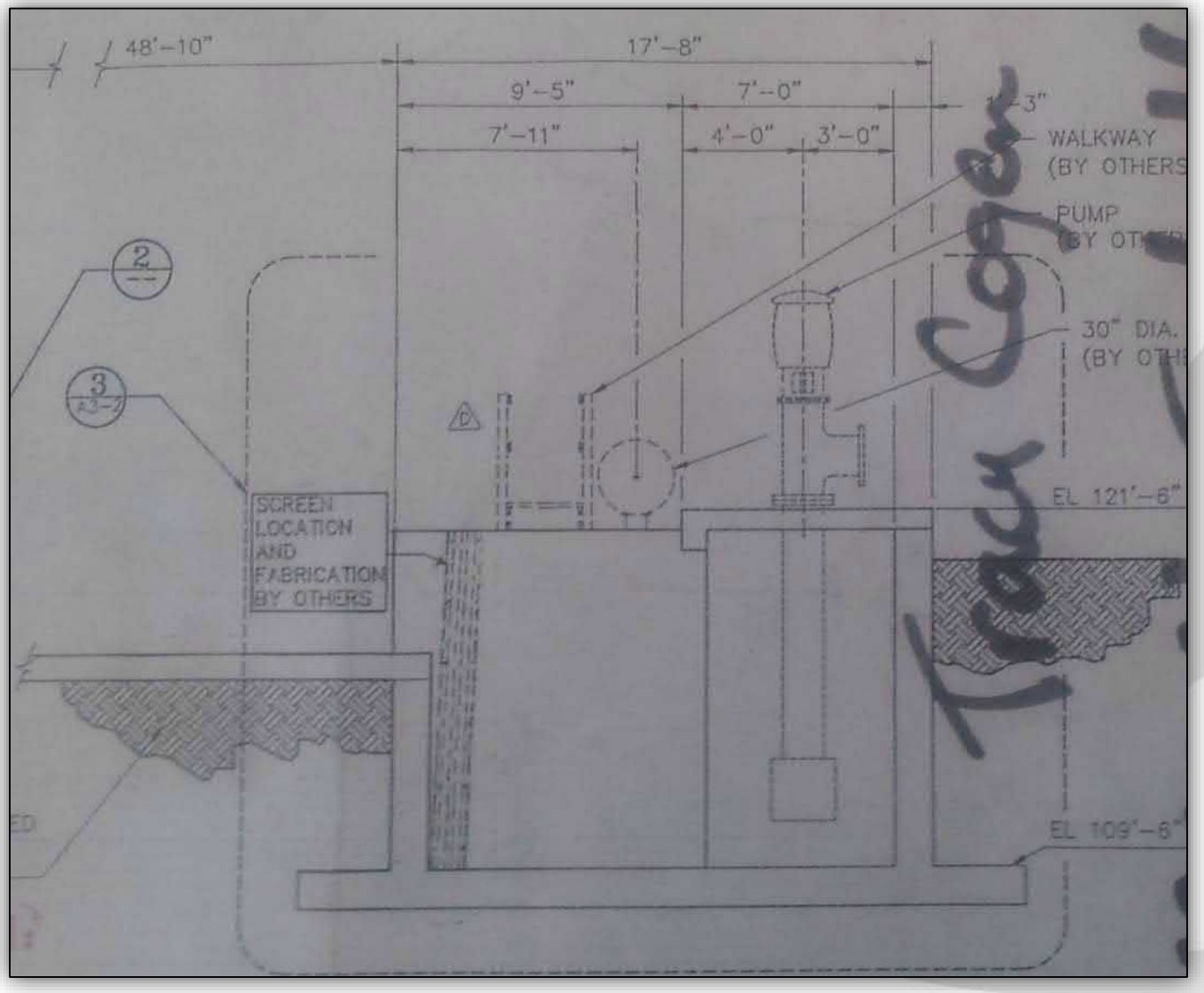

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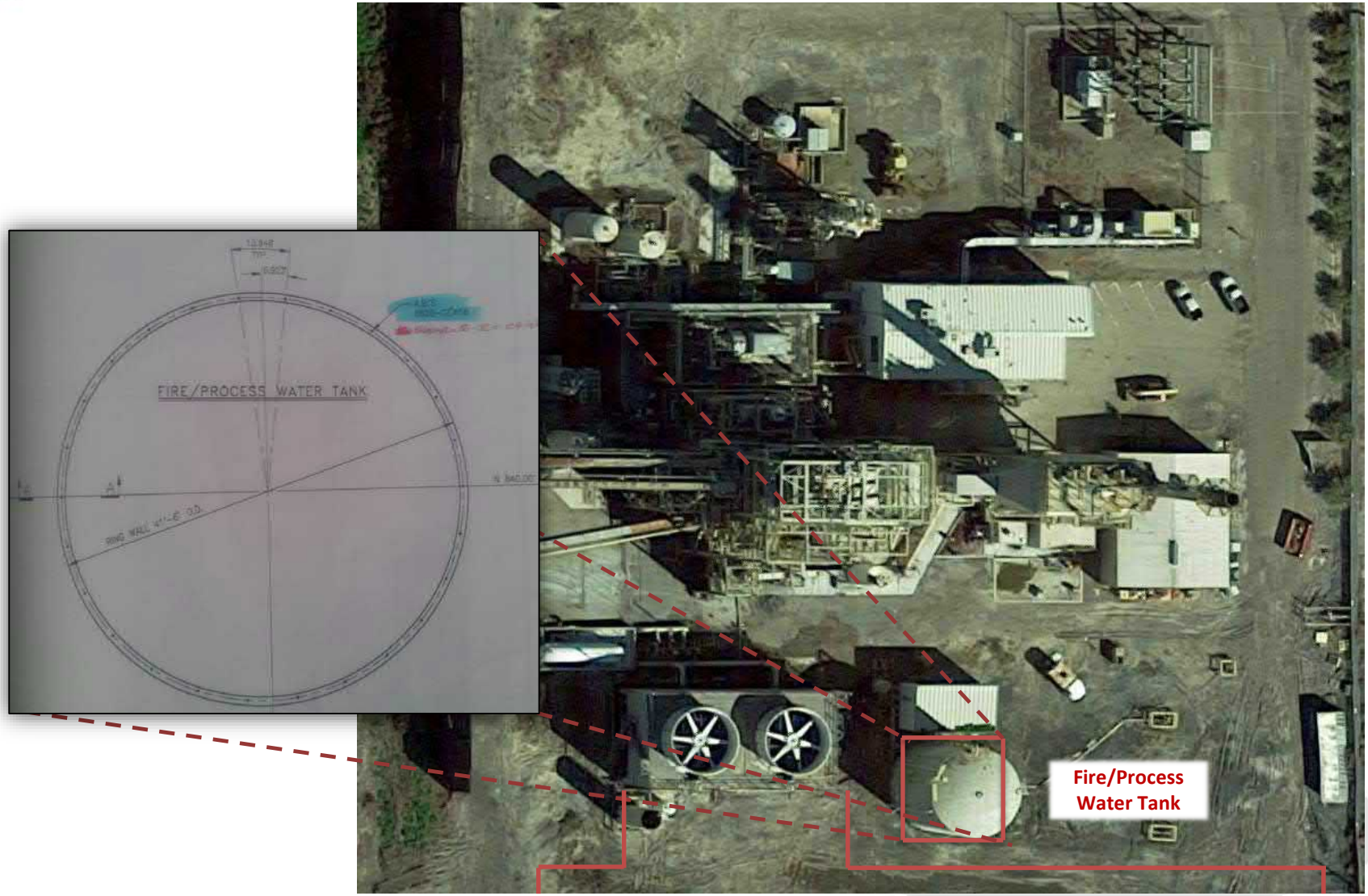

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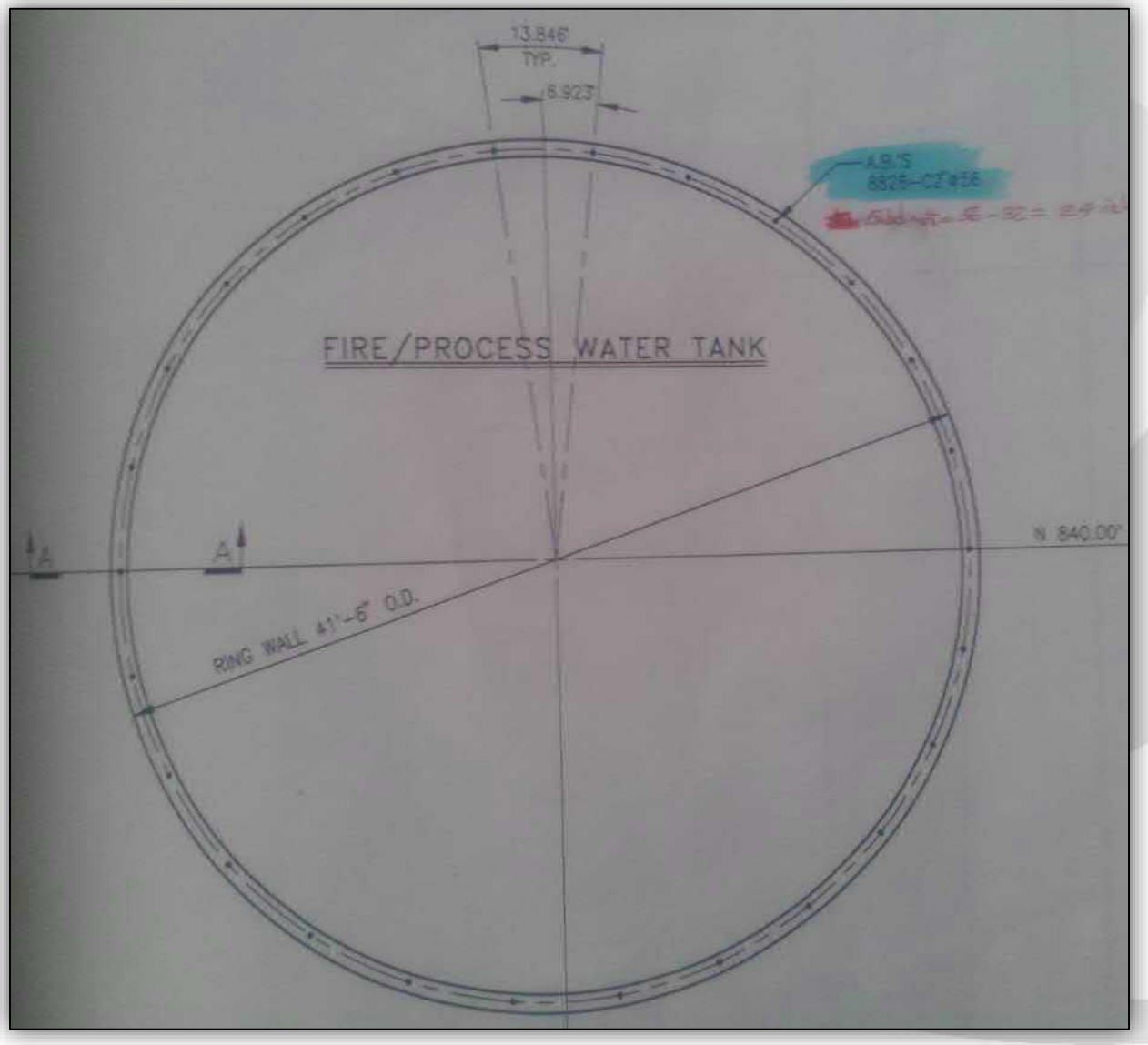

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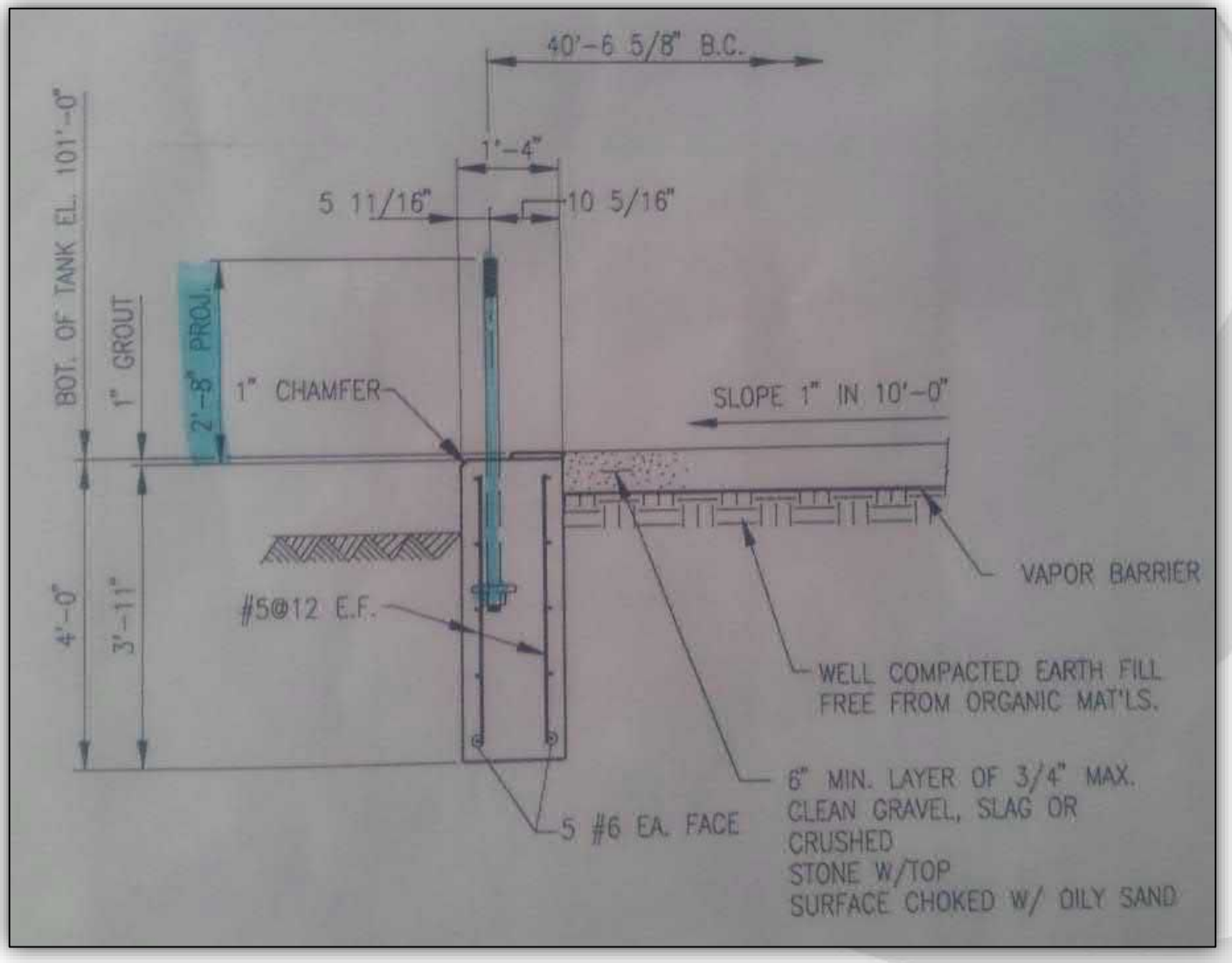
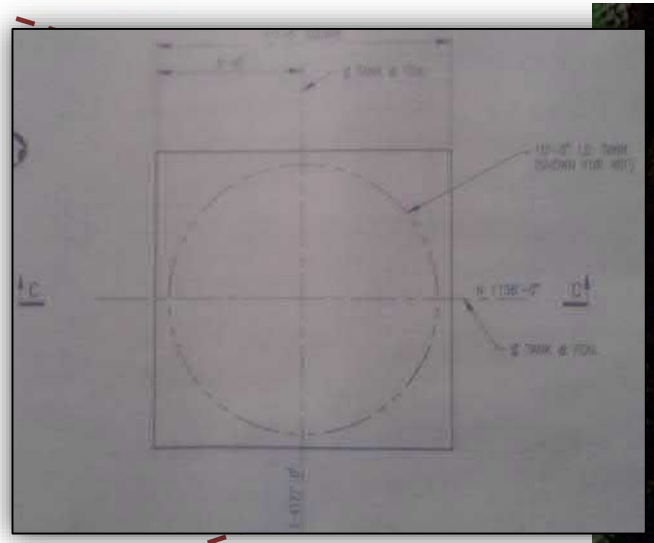
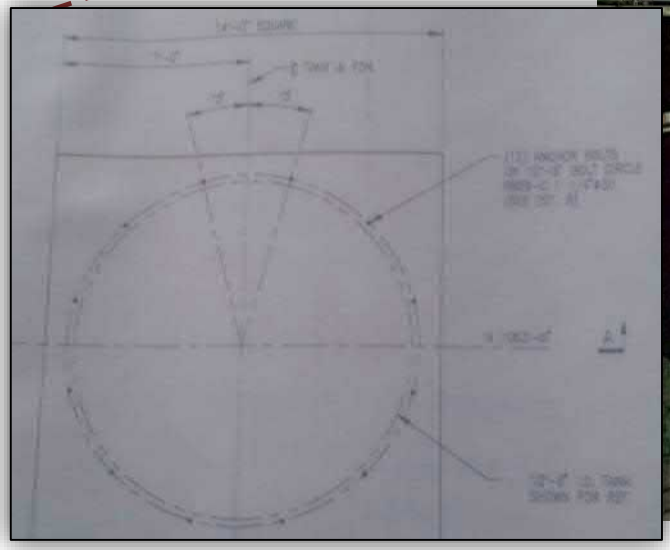
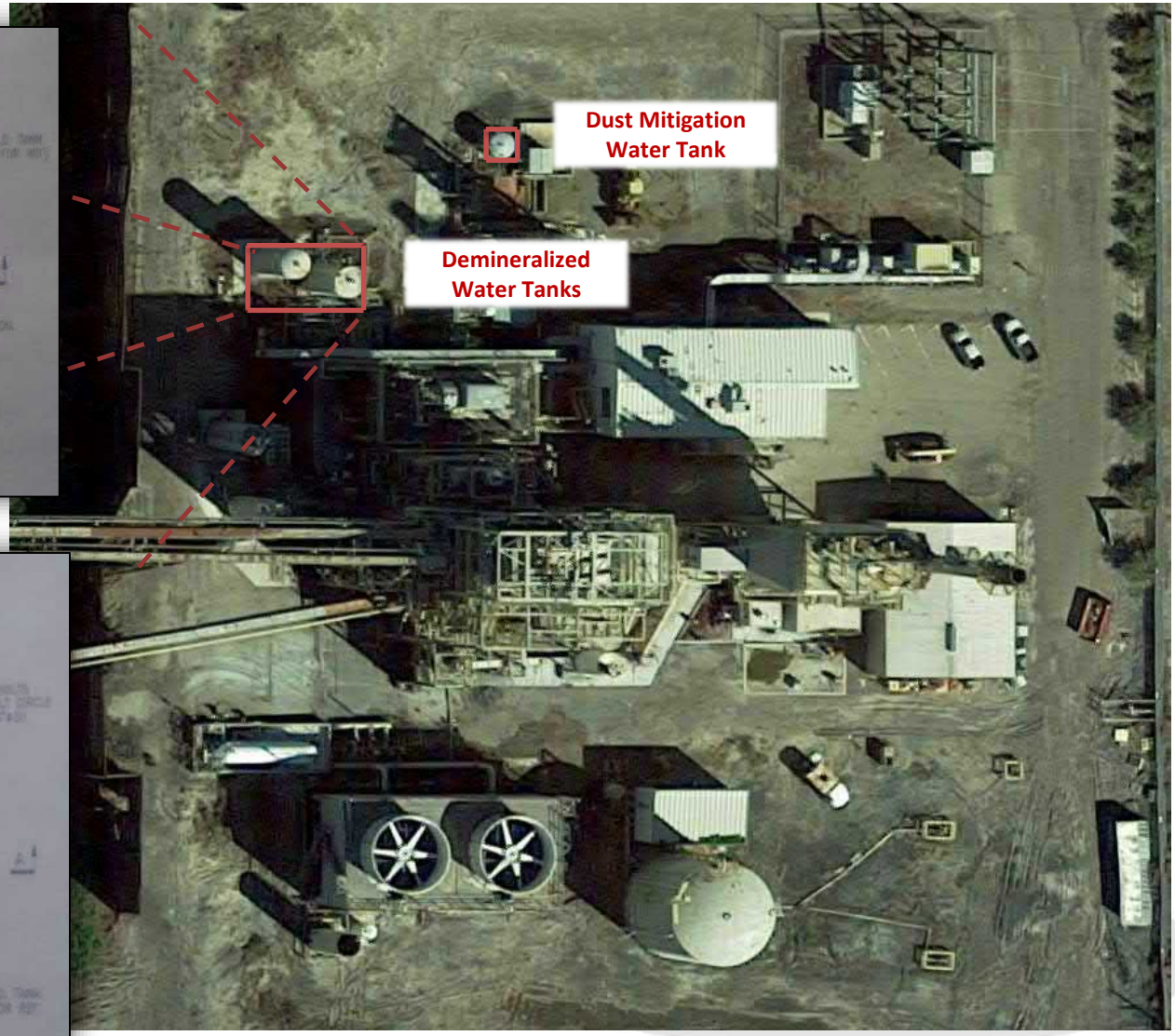


Tracy Site Foundations – Other Water Tanks







Tracy Site Foundations – Other Water Tanks

TRACY BIOMASS POWER PLANT
DEMINERALIZED WATER TANK AND
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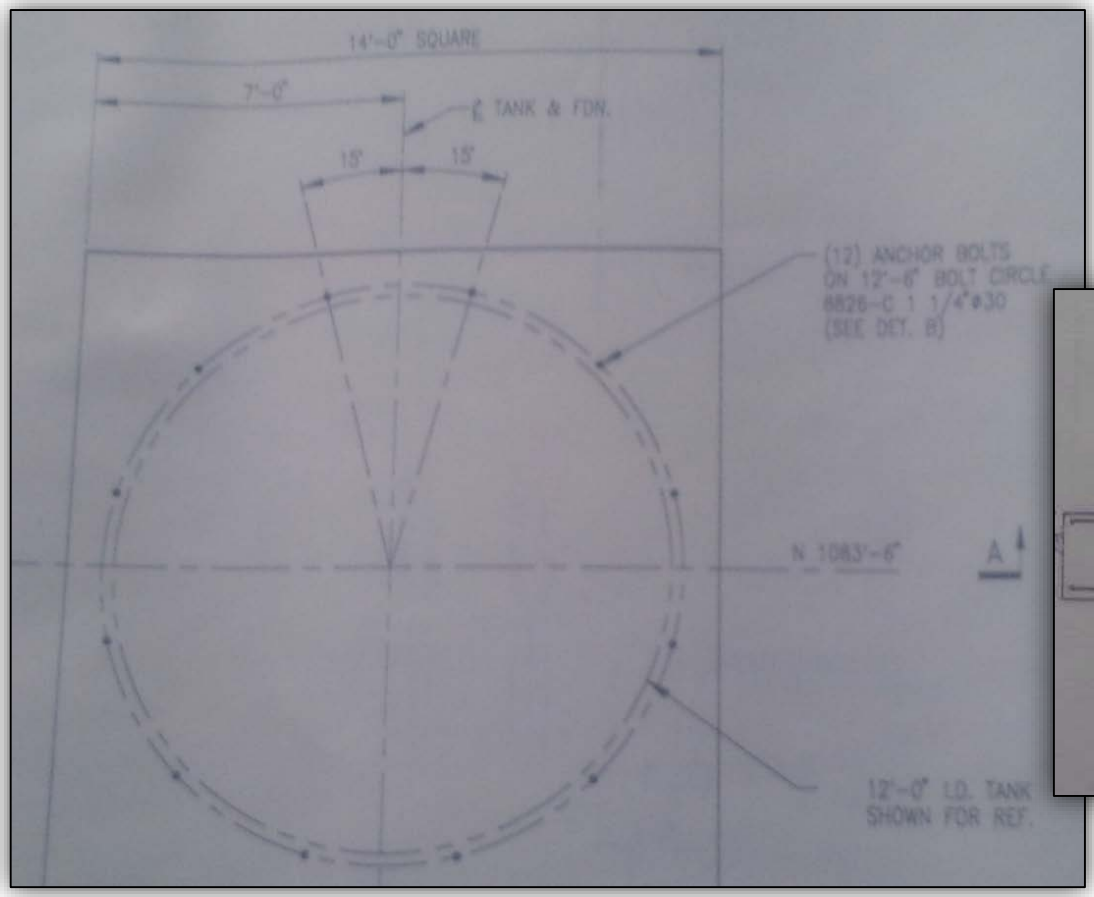

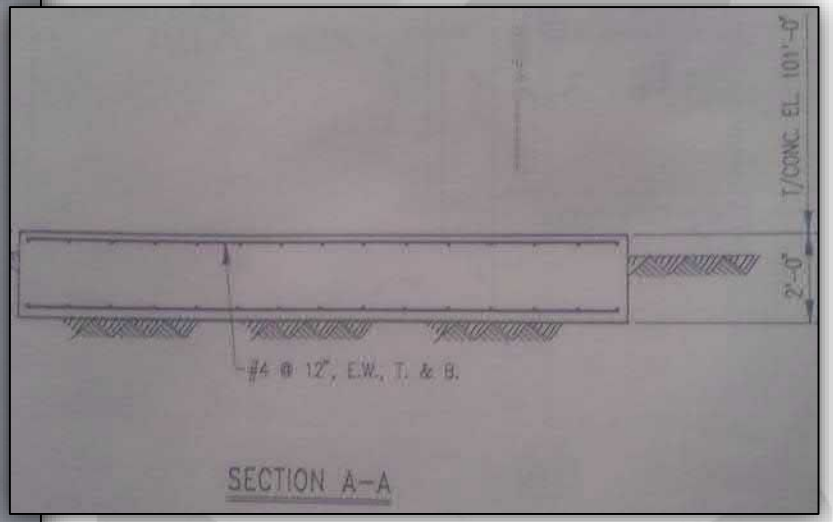

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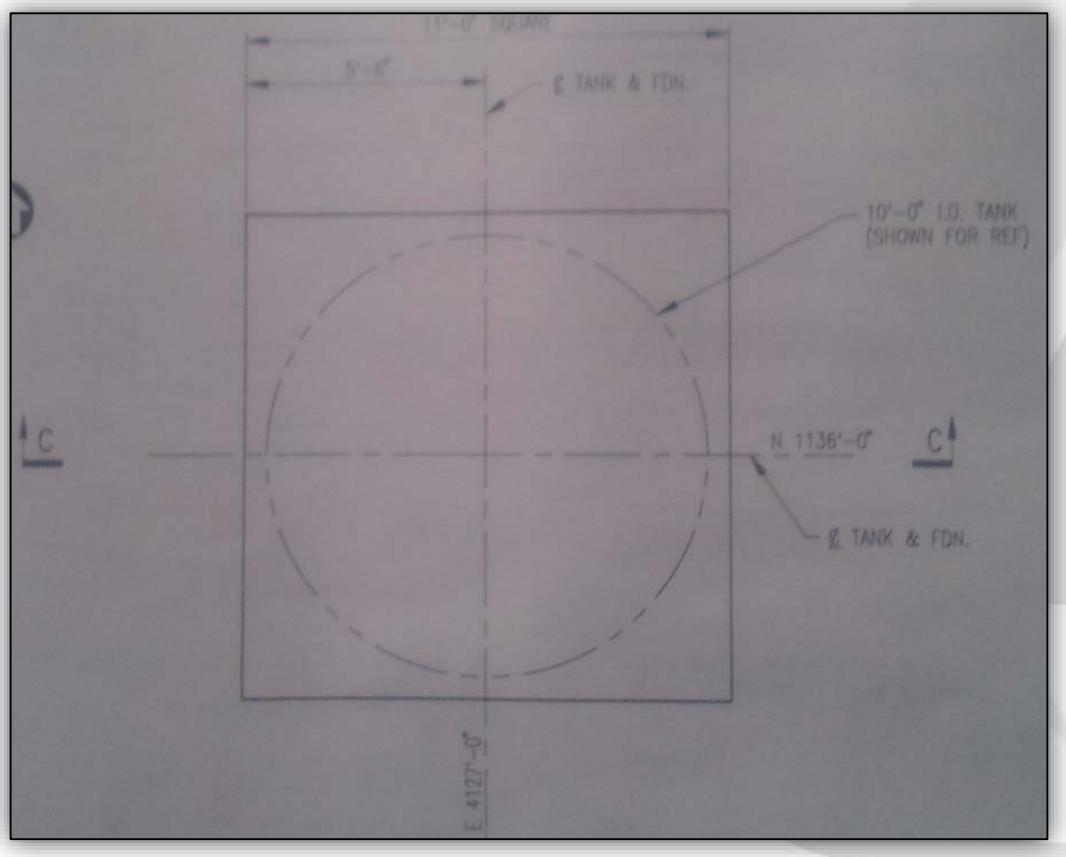

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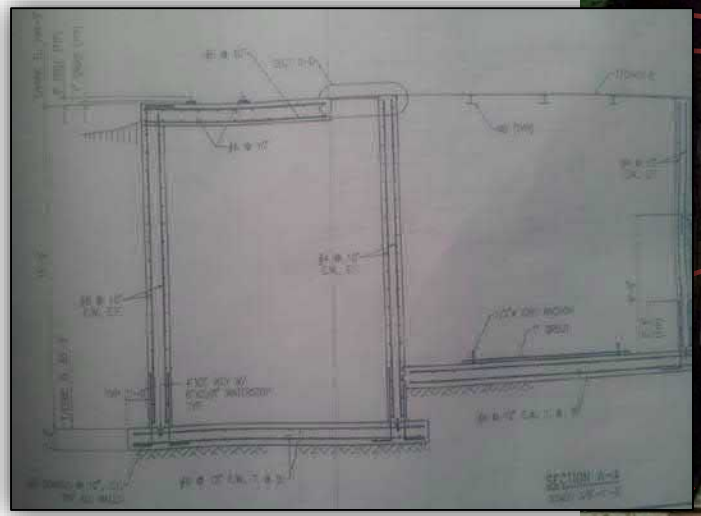

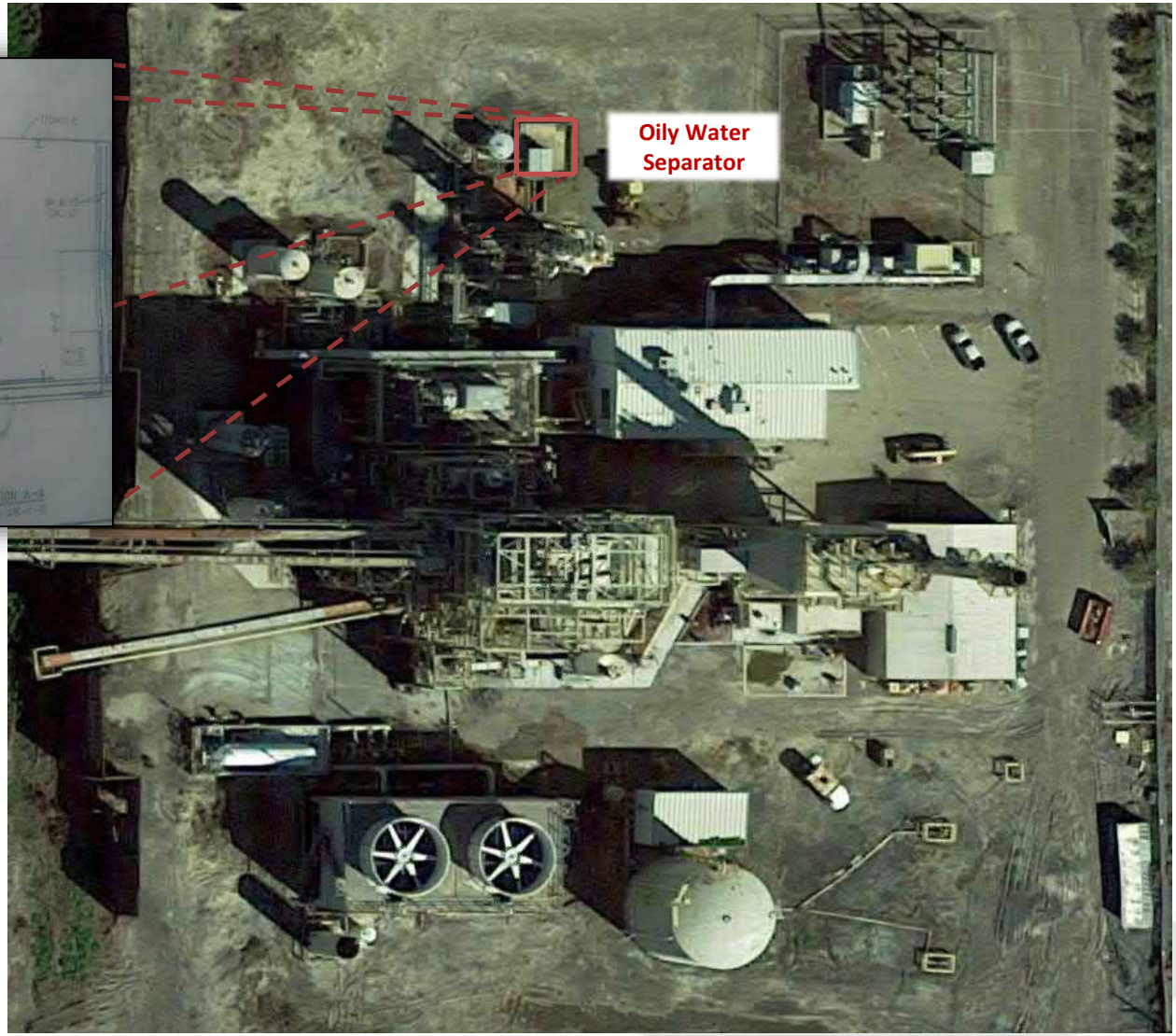

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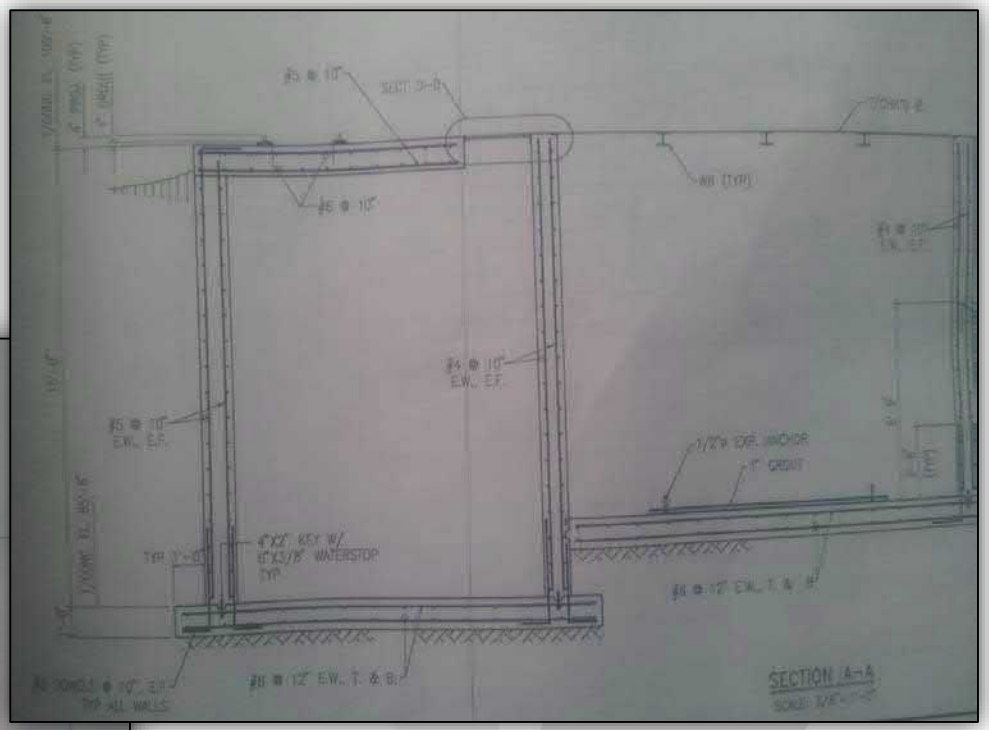

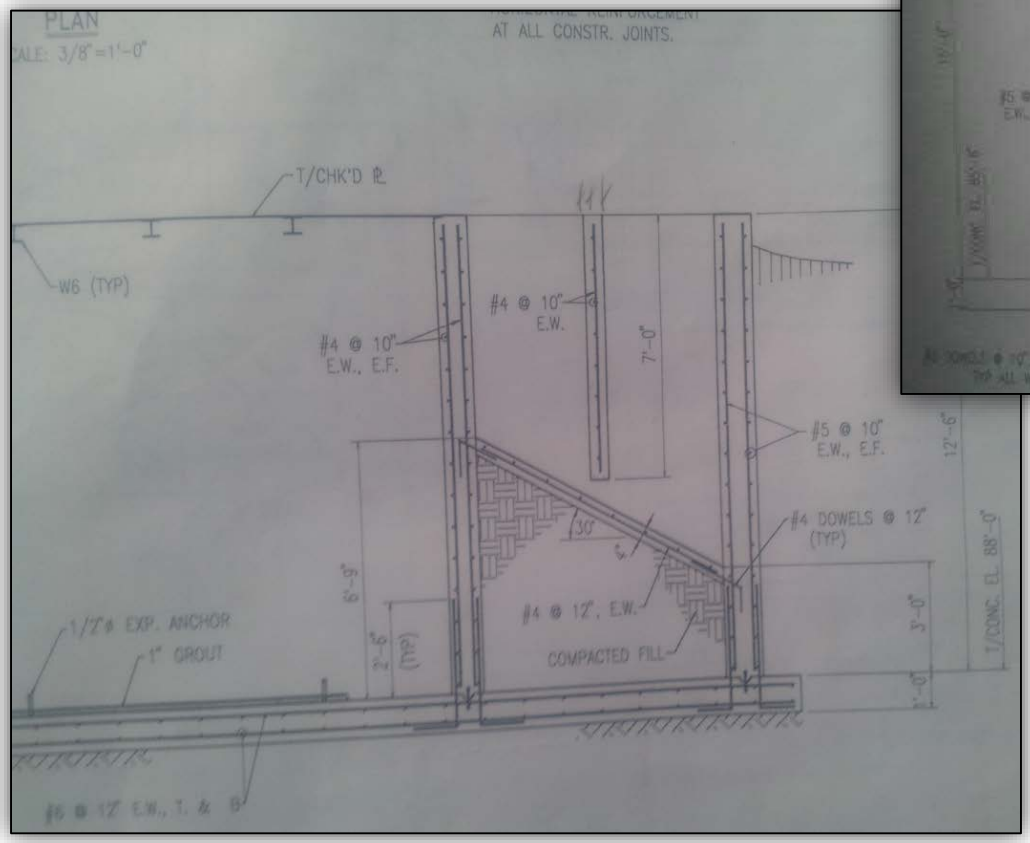

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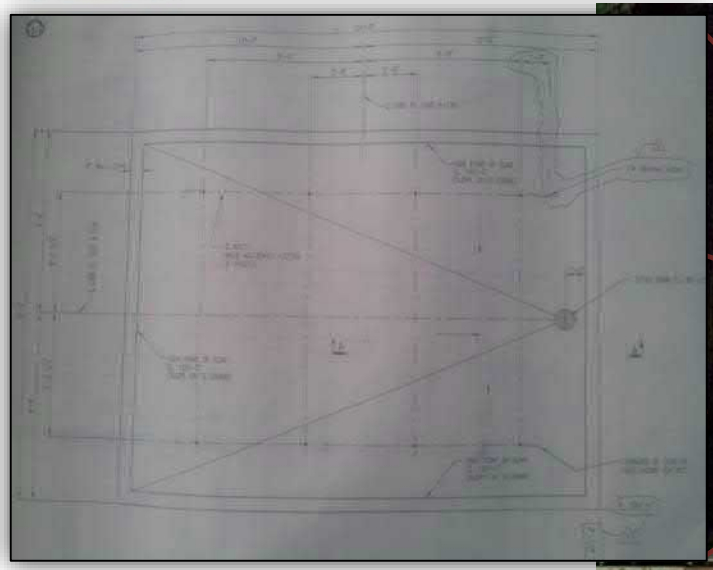

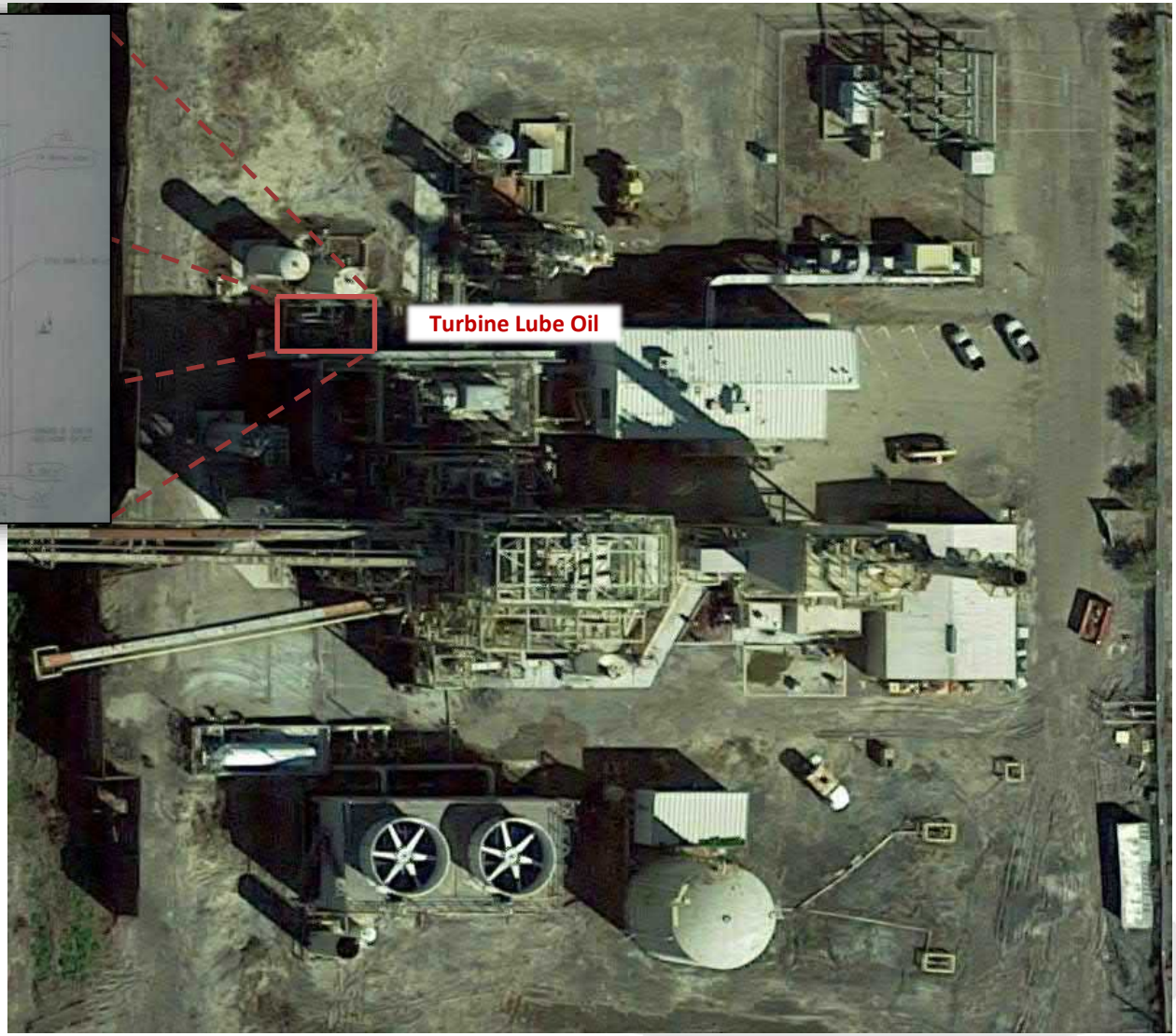

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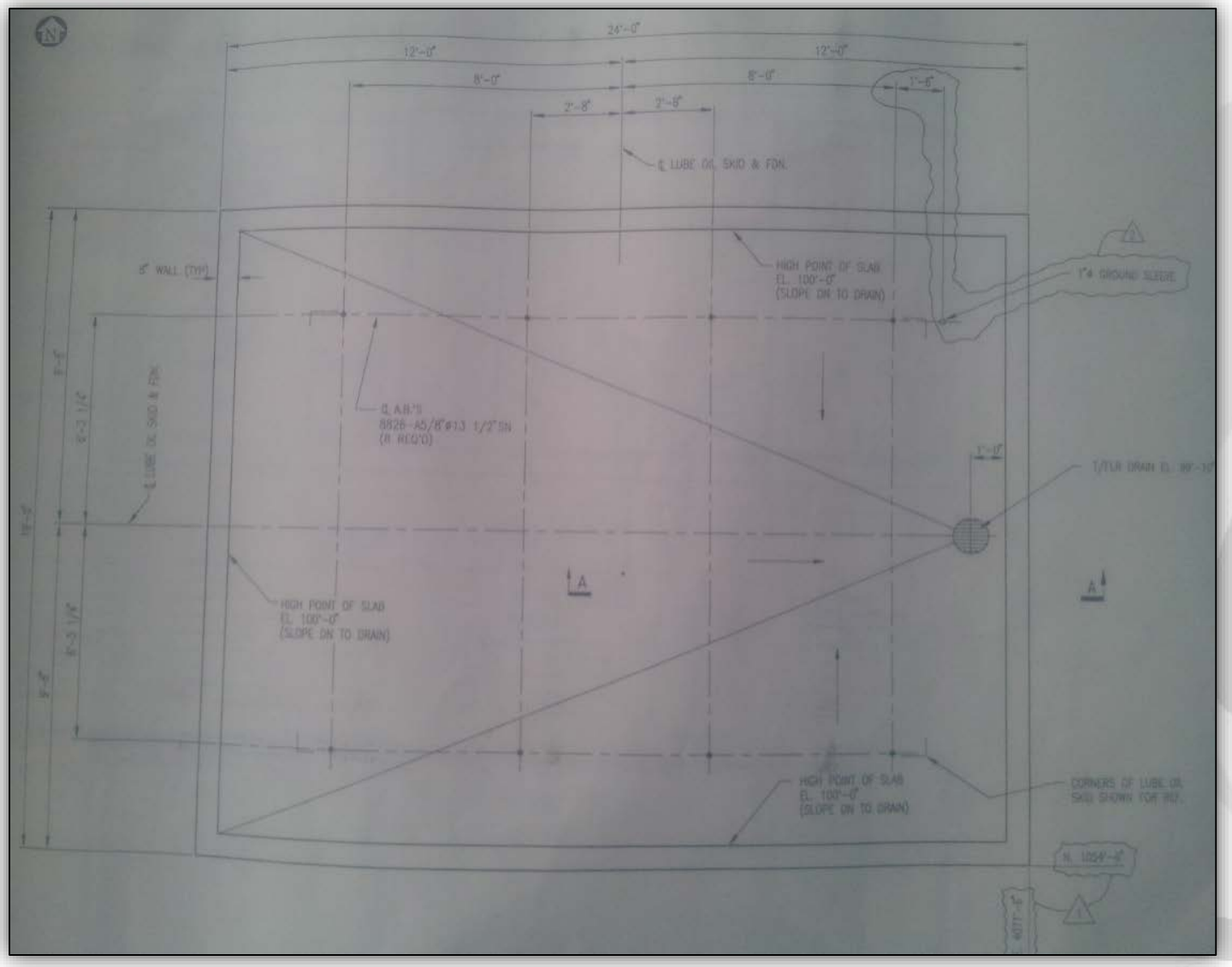

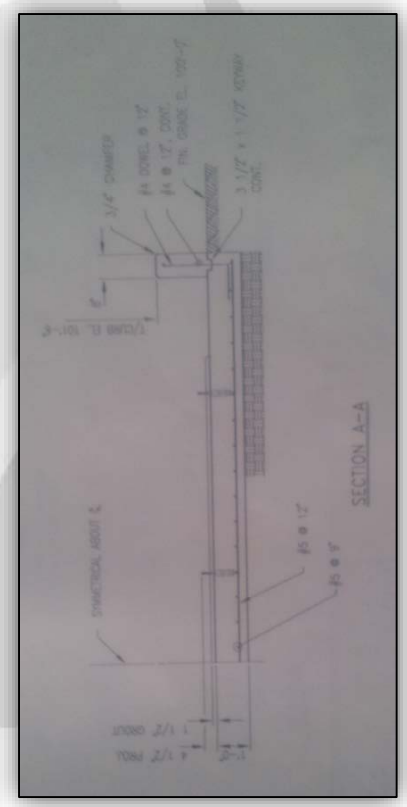

Tracy Site Water Wells

All of the water used in the facility is from a water supply well located at the facility. There is a Central Valley Project water entitlement of 129 ac-ft that runs with the 38-acre parcel the facility occupies, however this entitlement has never been utilized by the facility.

The well pumps consist of two 30 h.p., submersible pumps, one 460v and the other 440v. The water table is 170-176 feet down, and the well depth is 342-350 feet. The drop pipes are 4” black steel pipes 252 feet in length.

DANGER
AMMONIA
CAUTION
AQUEOUS
AMMONIA

SODIUM
BICARBONATE

DEMINERALIZED
WATER
DEMINERALIZED
WATER

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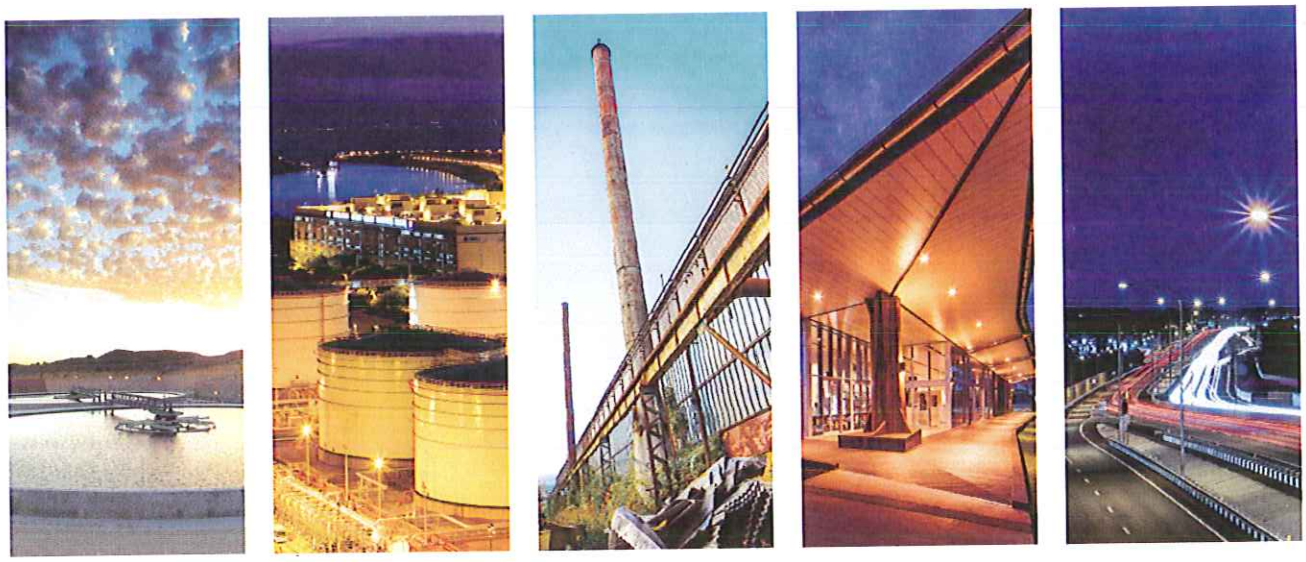

Stormwater Pollution Prevention Plan (SWPPP) Water Quality Order No. 2014-0057-DWQ NPDES No. CAS00001

Thermal Energy Development Partnership, LP
14800 W. Schulte Road
Tracy, California 95377

Thermal Energy Development Partnership, LP

7086 N. Maple Avenue Suite 101 Fresno California 93720

11102864 | Report No 2 | May 23 2016

Quick Reference Information

Facility Name: Thermal Energy Development Partnership, LP

Facility Address: 14800 W. Schulte Road, Tracy, CA, 95377

Facility Coordinates: 37° 43' 11.52" N, 121° 29' 25.72" W

Status: Baseline

Facility Hours of Operation: 24 hours/day, 7 days/week (when operating)

Regional Water Quality Control Board Contact: Central Valley RWQCB

Sacramento Office, (916) 464-3291

Standard Industrial Classification Code – 4911

Waste Discharge Identification Number – TBD

Total Facility Size (ac): 37.96

Total Area of Industrial Activities and Materials Exposed to Precipitation (ac): 25

Legally Responsible Person – James R. Huffman, (916) 596-5208

Qualified Industrial Stormwater Practitioner – TBD

Pollution Prevention Team Contacts

- Craig Bressan, (916) 596-2515
- Tom Baker, (209) 835-6918

Summary of Monitoring Requirements

- Monthly Visual Observations (Monthly)
- Sampling Visual Observations (During Sampling)
- Sampling Frequency
  - (2) Samples from July 1 – December 31
  - (2) Samples from January 1 – June 30
- Standard Sampling Parameters
  - Total Suspended Solids
  - Oil and Grease
  - pH
- Additional Sampling Parameters
  - Iron (Fe)

- Annual Comprehensive Site Compliance Evaluation (Yearly, submitted via SMARTS no later than July 15)
- Annual Report (Yearly, submitted via SMARTS no later than July 15)
- Revision of SWPPP and BMPs as needed

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Figure 1 Vicinity Map
Figure 2 Stormwater Site Map

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Table 2 Potential Pollutant Sources
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Table 4 BMP Summary Table

Appendices

Appendix A Water Quality Order No. 2014-0057-DWQ National Pollutant Discharge Elimination System General Permit No. CAS000001
Appendix B Stormwater Pollution Prevention Plan and Monitoring Program Review Sheet
Appendix C Notice of Intent
Appendix D Pollution Prevention Team Member Roster
Appendix E Pollution Incident Report
Appendix F Non-Stormwater Discharge Assessment and Certification
Appendix G CASQA BMPs for Industrial Activities
Appendix H Employee Training Log
Appendix I BMP Implementation Schedule
Appendix J Monitoring and Implementation Plan
Appendix K Sampling Event Visual Observations
Appendix L Monthly Visual Observations

Appendix M Annual Comprehensive Site Compliance Evaluation

Appendix N Annual Report

Appendix O Annual Report Form Instructions for Stormwater – SMARTS

Appendix P SWPPP Revision Log

Stormwater Pollution Prevention Plan Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons that manage the system, or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

05/31/2016

Name: James R. Huffman
Date

Title: VP California Operations

Company: Thermal Energy Development Partnership, LP

1. Introduction

1.1 Purpose

This Stormwater Pollution Prevention Plan (SWPPP) has been prepared for Thermal Energy Development Partnership, LP (TE Partnership) facility located at 14800 West Schulte Road, Tracy, California 95377 in accordance with the National Pollutant Discharge Elimination System (NPDES) Order 2014-0057-DWQ No. CAS000001 **(Appendix A)** General Permit for Stormwater Discharges Associated With Industrial Activities (General Permit). This General Permit supersedes the previous Industrial General Permit Order 97-03-DWQ adopted in 1997.

TE Partnership is an electrical generation facility that generates electrical power by burning woody biomass from forests derived fuel, urban wood waste, and sawmills. TE Partnership operates under the following Standard Industrial Classification (SIC) Code:

- 4911 – Electric Services

TE Partnership's SIC code is listed in Attachment A of the General Permit, which requires TE Partnership to develop and implement a SWPPP to document the management practices and stormwater pollution prevention measures that are implemented at the facility to either prevent or minimize the potential contamination of stormwater since it is not eligible for an exemption or for a No Exposure Certification (NEC). This SWPPP provides a description of the site assessment conducted at the facility location where industrial activities and materials are exposed to stormwater. The assessment aims to identify potential pollutant sources at each location affecting the quality of facility-related stormwater discharges. The SWPPP also describes the facility's management plans and practices to ensure discharges are in compliance to the General Permit at each location.

1.2 SWPPP Background

In 1972, the Clean Water Act (CWA) was amended to effectively prohibit the discharge of pollutants to waters of the United States from any point sources unless in compliance with a NPDES Permit. Amendments to the CWA in 1987 established a framework for regulating municipal and industrial stormwater discharges under the NPDES program. This General Permit regulates industrial stormwater discharges and authorized Non Stormwater Discharges (NSWD) from facilities with SIC codes identified in Attachment A. This General Permit does not apply to industrial stormwater discharges and NSWD that are regulated by other individual or general NPDES Permits.

The Industrial General Permit is designed to control the water pollution by regulating point sources that discharge pollutants to US waters. All facilities regulated under the Industrial General Permit need to evaluate their current practices with respect to the permit requirements to assure they are in compliance.

2. Key Regulatory Requirements

2.1 SWPPP General Requirements

The Site is covered by the State of California General Permit Order 2014-0057-DWQ **(Appendix A).** This SWPPP was prepared to meet the objectives and requirements of the General Permit under the Regional Water Quality Control Board (RWQCB).

The SWPPP:

- Identifies and evaluates all sources of potential pollutants that may affect the quality of industrial stormwater discharges and authorized NSWD.
- Identifies and describes the minimum Best Management Practices (BMPs) implemented to reduce or prevent pollutants in industrial stormwater discharges and authorized NSWD.

The SWPPP contains the following elements:

- The name of the Facility and contact information
- A site map
- A list of industrial materials
- A description and assessment of potential pollutant sources
- BMPs and if applicable, advanced BMPs
- A Monitoring Implementation Plan
- An Annual Comprehensive Facility Compliance Evaluation
- Recordkeeping and sampling requirements

A SWPPP Review Sheet **(Appendix B)** presents the elements included in TE Partnership's SWPPP versus the General Permit requirements.

2.2 Permit Required Documents

TE Partnership will register for coverage under the General Permit by certifying and submitting the following permit required documents (PRD) via Stormwater Multiple Application and Report Tracking System (SMARTS):

- A completed Notice of Intent (NOI) and signed certification statement
- The current Site map from the SWPPP
- A SWPPP

A copy of the completed NOI and certification statement can be found in **Appendix C**. The Vicinity Map and Site Map are shown on **Figures 1 & 2**, respectively. TE Partnership has not had previous coverage under the 1997 General Permit.

2.3 SMARTS

Stormwater Multiple Application and Report Tracking System (SMARTS) is an online tool that requires any facility covered under the General Permit to submit:

- Annual Reports
- SWPPP
- NOI
- Sampling Frequency Reduction Certification (if applicable)
- Level 1 ERA Reports (if necessary)
- Level 2 ERA Reports (if necessary)

TE Partnership can view or print receipt letters, monitor the status of submitted documents, and view application/renewal fee statements. SMARTS can be accessed through the following link (as of June 2015):

- https://smarts.waterboards.ca.gov/smarts/faces/SwSmartsLogin.jsp

3. Facility Information

3.1 Background

The Facility is located in San Joaquin County at 14800 West Schulte Road, Tracy, CA 95377 (Facility) shown in **Figure 1** at the approximate coordinates of 37° 43' 11.52" N, 121° 29' 25.72" W. East and west of the facility is agricultural land, an industrial property to the south and north of the facility it is bordered by W. Schulte Road.

The Site covers approximately 37.96 acres according to the San Joaquin County Assessor's Office. TE Partnership is an electrical generation facility that generates electrical power by burning woody biomass from forests derived fuel, urban wood waste and sawmills. The Site has multiple buildings used for industrial purposes and 3 retention ponds onsite. The layout of the Facility is shown in **Figure 2**.

3.2 Description of Storm Drainage System and Outfalls

The Facility is divided into three main drainage areas. Drainage area A1 along the west side of the property drains via swale and sheet flow to a retention basin located in the northwest corner of the Facility. Drainage area A2 drains via sheet flow to a retention basin centrally located on the north edge of the Facility. The third drainage area consisting of sub-drainage areas A3, A4, and A5 all drain via a system of sheet flow and pipe conveyance to a stormwater retention basin located at the northeast corner of the Facility. The Facility retains stormwater on-Site in the retention ponds, however in a major storm event there is the potential for some areas of the Facility to discharge off-Site. These discharge areas will be sampled if such an event occurs at the Site. See **Figure 2** for drainage area delineations.

4. Stormwater Pollution Prevention Team

TE Partnership's Stormwater Pollution Prevention Team (SWPPT) identifies individuals within the facility organization that are responsible for assisting in the implementation of the SWPPP and conducting all monitoring activities required by the General Permit. The responsibilities, duties, and activities of each of the members on the SWPPT Roster can be found in **Appendix D**. The SWPPT Roster highlights the procedure to identify alternate members to implement the SWPPP and conduct required monitoring when the regularly assigned team members are temporarily unavailable.

5. List of Significant Materials

The SWPPP includes a list of industrial materials found at the Facility **(see Table 1)**. This list includes the types of materials handled, and the locations where each material is stored, received, shipped, and handled at the Facility. Additionally, the typical quantities and handling frequencies are also included on the list.

6. Potential Pollutant Sources

The following sub-sections present the industrial processes, material handling and storage areas, dust and particulate generating activities that occur on the Facility.

6.1 Industrial Processes

TE Partnership is required to describe the type of industrial activities, characteristics, approximate quantity of industrial material(s) used in or resulting from the process at the Facility. Areas on the Facility that are exposed to stormwater and areas that are protected by containment structures are listed in the following sections.

TE Partnership generates electrical power by burning woody biomass from forests derived fuel, urban wood waste, and sawmills. Outdoor processes and equipment exposed to stormwater are the equipment parking, servicing area and the fuel storage.

See **Table 2** for industrial areas exposed to and protected from stormwater.

6.2 Material Handling and Storage Areas

TE Partnership is required to describe each material handling and storage area. Within each handling and storage area it is also required to describe the type, characteristics, quantity of industrial materials handled or stored; the shipping, receiving, and loading procedures; spill or leak prevention and response procedures; and areas protected by containment structures and corresponding containment capacity.

All storage areas for diesel fuel storage tanks, oil and lubrication drums and the used oil tank have secondary containment equipped with gate valves. The tanks located in the fuel containment area are protected from precipitation. All used oils are caught in drain pans when drained from the equipment and placed in the used oil collection tank. Used oil is shipped offsite by an approved

disposal carrier. Oil water separators (OWS) are installed to remove any oils resulting from equipment wash down.

See **Table 2** for material and handling storage areas exposed to and protected from stormwater.

6.3 Dust and Particulate Generating Activities

TE Partnership is required to describe all industrial activities that generate a significant amount of dust or particulate that may be deposited within the Facility boundaries. Within each dust/particulate generating activity, it is also required to describe the source type, and characteristics of the dust/particulate pollutant.

TE Partnership generates electrical power by burning woody biomass from forests derived fuel, urban wood waste, and sawmills. All activities and transfer points create dust and particulate with quantity relative to the moisture content depending on the season (wet or dry). Woody biomass is received by trucks and trailers and dumped into a hopper with a drag chain bottom that feeds the woody material onto a belt conveyor. The belt conveyor takes the woody material to the storage area and dumps them through a tripper car.

See **Table 2** for dust and particulate generating activities exposed to and protected from stormwater.

6.4 Significant Spills and Leaks

TE Partnership has not had a spill or leak of a significant material within the last five years.

In the event of a spill or leak, TE Partnership will complete a Pollution Incident Report which is provided in **Appendix E**. A significant spill or release must be reported to the RWQCB within 24 hours if there is a potential impact to human health or the environment. A written submission of information must be provided to the RWQCB within five days. The report should describe the location, characteristics, and approximate quantity of the materials spilled or leaked; the cleanup or remedial actions that have occurred or are planned; the approximate remaining quantity of materials that may be exposed to stormwater or non-stormwater discharges; and the preventative measures taken to ensure spills or leaks of the material do not reoccur. Spill response equipment and location are summarized in **Table 3**.

6.5 Non-Stormwater Discharges

Non-stormwater discharges (NSWD) are authorized for discharge through the storm drain outfall(s) identified in the SWPPP. The Facility identified the following non-stormwater discharges, which may potentially be discharged through the stormwater outfall(s) at the TE Partnership:

- Discharges from the fire water storage tank.
- Potable water including water line flushings.
- Uncontaminated air conditioning or compressor condensate.
- Pavement wash waters where no detergents are used and no spills or leaks of toxic or hazardous materials have occurred (unless all spilled material has been removed).
- Routine external building wash-down, which does not use detergents.
- Uncontaminated groundwater or spring water.

- Foundation or footing drains where flows are not contaminated with process materials such as solvents.

A NSWD assessment and certification form identifying the source, quantity, frequency, characteristics, and associated drainage area of all authorized NSWDs occurring on Site is located in **Appendix F**.

6.6 Erodible Surfaces

The Facility is approximately 15% percent impervious. Areas where soil erosion may be caused by industrial activity or may come in contact with stormwater, authorized/unauthorized NSWDs, or run-on from areas surrounding the facility include:

- Lay Down Yard
- Cull Log Storage
- Fuel Storage

7. Best Management Practices

7.1 Minimum BMPs

The focus of the following sections of the SWPPP is to describe BMPs and other stormwater management practices and controls to be implemented to minimize and/or prevent the discharge of potential pollutants in stormwater runoff from the Facility. Minimum BMPs required by the General Permit are generally non-structural and are categorized hereon by utilizing the *California Stormwater Quality Association's (CASQA) Industrial and Commercial Stormwater Best Management Practice Handbook*. A complete list of applicable BMPs for the Facility, including applicable BMP factsheets from the CASQA BMPs for Industrial Activities, is located in **Appendix G**.

TE Partnership, to the extent feasible, implements and maintains all of the following seven minimum BMPs to reduce or prevent pollutants in industrial stormwater discharges. The seven BMPs include:

- Good Housekeeping
- Preventative Maintenance
- Spill and Leak Prevention
- Material Handling and Waste Management
- Erosion and Sediment Controls
- Employee Training Program
- Quality Assurance and Recordkeeping

A schedule of BMPs implemented and individuals responsible for implementation can be found in **Appendix H**.

7.1.1 Good Housekeeping

Good housekeeping measures are designed to maintain a clean, orderly, and safe work environment. These measures also contribute to the prevention of potential pollutant sources contacting and impacting stormwater runoff. Refer to **Table 4** for potential pollutants and location of implemented good housekeeping BMPs.

The following good housekeeping measures are conducted by TE Partnership:

- Observation of all outdoor/exposed areas associated with industrial activities.
- Cleaning and properly disposing of all identified debris, waste, spills, tracked materials, or leaked materials.
- Minimizing or preventing material tracking.
- Cleaning all industrial areas impacted by rinse/wash waters as soon as possible.
- Covering or moving industrial materials to prevent or minimize contact with stormwater.
- Containing all stored non-solid industrial materials or waste that can come in contact with wind or stormwater.
- Preventing any disposal of rinse/wash water or industrial materials from entering the stormwater conveyance system.
- Minimizing stormwater discharges from non-industrial areas that contact industrial areas of the facility.
- Minimize authorized NSWDS from non-industrial areas that have contact with industrial areas.

The following Fact Sheets from the CASQA Stormwater BMP Handbook dated September 2014 in **Appendix G** provides additional information on good housekeeping practices:

- SC-20 Vehicle and Equipment Fueling
- SC-21 Vehicle and Equipment Cleaning
- SC-22 Vehicle and Equipment Repair
- SC-30 Outdoor Loading and Unloading
- SC-32 Outdoor Equipment Operations
- SC-33 Outdoor Storage of Raw Materials
- SC-34 Waste Handling and Disposal
- SC-41 Building and Grounds Maintenance
- SC-43 Parking Area Maintenance
- SC-44 Drainage System Maintenance

7.1.2 Prevention Maintenance

TE Partnership continually prevents potential exposure of pollutants to stormwater runoff through routine visual inspections and preventative maintenance of all equipment and stormwater management controls. Refer to **Table 4** for potential pollutants and the location of implemented preventative maintenance BMPs.

The following preventative maintenance measures are conducted by TE Partnership:

- Identifying all equipment and systems used outdoors that may spill or leak pollutants.
- Routine scheduled inspections of equipment identified to prevent any potential leaks.
- Follow specific procedures for prompt maintenance and repair of equipment, and maintenance of systems during the event that could lead to a spill or leak.
- Utilize drip pans and other measures when working on equipment.

The following Fact Sheets from the CASQA Stormwater BMP Handbook dated September 2014 in **Appendix G** provides additional information on proper preventative maintenance practices:

- SC-20 Vehicle and Equipment Fueling
- SC-21 Vehicle and Equipment Cleaning
- SC-22 Vehicle and Equipment Repair
- SC-31 Outdoor Liquid Container Storage
- SC-32 Outdoor Equipment Operations
- SC-33 Outdoor Storage of Raw Materials
- SC-34 Waste Handling and Disposal
- SC-43 Parking Area Maintenance
- SC-44 Drainage System Maintenance

Additional Site Specific BMPs:

- Maintain and update list of equipment and systems used outdoors (located in Table 2).
- Weekly inspection of each identified piece of equipment and systems used outdoors for leaks, or conditions that could result in the development of a leak (Appendix G).
- Schedule regular performance maintenance and repair of equipment and systems used outdoors. Schedule is based on periodic use or appropriate intervals such as operational hours, mileage or equipment age.
- Prompt maintenance and repair of equipment and systems when inspections detect leaks or conditions exist that may result in the development of spills and leaks.

7.1.3 Spill and Leak Prevention

In the event of a spill or leak, materials spilled or released are properly contained, recovered, and disposed off-Site, as applicable, to prevent exposure to stormwater. Significant spill incidents requiring notification to regulatory agencies are reported consistent with State and Federal regulations, as applicable **(Section 6.5)**. TE Partnership's prevention and immediate response to spills or leaks minimizes the likelihood of pollutant contact with stormwater runoff. Refer to **Table 4** for potential pollutants and the location of implemented spill and leak prevention BMPs.

Any employee discovering the release of any potentially hazardous material or product that is not readily controlled must notify management immediately. It is a priority of TE Partnership to ensure that any spilled materials be contained onsite. Upon discovery of any spilled materials, the goal will be to contain/block the release if possible, as long as, it does not endanger the safety/well-being of

the employee. Additionally, the facility will take steps to avoid spilled material moving to local surface water in the event of a spill that has the potential to affect stormwater.

In the event of any release of potentially toxic or hazardous materials exceeding a reportable quantity (RQ) or violating the California Water Quality standards, the management staff will assess the situation, and management will notify all appropriate state and federal agencies and following the reporting protocol as described in Section 6.4 of this SWPPP. A reference to the State, Federal, and local agency contact information can be found below:

Federal Agency:

National Response Center	(800) 424-8802

State Agency:

Governor's Office of Emergency Services, California State Warning Center	(800) 852-7550 (toll-free) or (916) 845-8911 (public)

Local Agencies:

Local Emergency Response Agency	911

If it is not possible to contain a spill or the spill is released to the stormwater outfall, outside contractors will be utilized. The companies listed below, have available, the necessary equipment and manpower for clean-up of a spill. They will be utilized if needed to prevent or control spills that have the potential to contaminate the land or waters of the US.

1.	Clean Harbors Environmental:	(800) 645-8265
2.	RAH Environmental, Inc. (Sacramento, CA):	(916) 563-7770
3.	NRC Environmental Services (Alameda, CA):	(510) 749-1390 (office) (800) 899-4672 (24-hour

TE Partnership has:

- Established procedures and/or controls to minimize spills and leaks.
- Developed and implemented spills and leaks response procedures to prevent industrial materials from discharging through the stormwater conveyance system.
- Identified and described all necessary and appropriate spills and leaks response equipment, location(s) of spills and leaks response equipment, and spills or leaks response equipment maintenance procedures **(Table 3)**.
- Ensured personnel on the SWPPT and any other essential personnel are properly trained for spills and leaks response.

The following Fact Sheets from the CASQA Stormwater BMP Handbook dated September 2014 in **Appendix G** provide additional information on proper spill and leak prevention practices:

- SC-11 Spill Prevention, Control & Cleanup
- SC-20 Vehicle and Equipment Fueling
- SC-21 Vehicle and Equipment Cleaning

- SC-22 Vehicle and Equipment Repair
- SC-30 Outdoor Loading and Unloading
- SC-31 Outdoor Liquid Container Storage
- SC-32 Outdoor Equipment Operations
- SC-33 Outdoor Storage of Raw Materials
- SC-34 Waste Handling and Disposal
- SC-41 Building and Grounds Maintenance
- SC-43 Parking Area Maintenance
- SC-44 Drainage System Maintenance

7.1.4 Material Handling and Waste Management

When practical, TE Partnership minimizes exposure to stormwater runoff by placing industrial materials and conducting industrial activities that could lead to pollutant run-off under roof or in containment. The use and handling of materials listed in **Table 1** potentially impact stormwater throughout the Facility. Refer to **Table 4** for potential pollutants and the location of implemented material handling and waste management BMPs.

TE Partnership minimizes and reduces potential pollutants from entering the stormwater runoff by:

- Reducing or temporarily halting handling of industrial materials or wastes during a storm event.
- Containing all stored materials or wastes to prevent exposure to wind or stormwater.
- Covering industrial waste disposal containers and industrial material storage containers when not in use.
- Diverting run on and stormwater generated from within the facility away from all stockpiled materials.
- Cleaning all spills of industrial materials or wastes that occur during handling in accordance with spill response procedures.
- Observing and cleaning any equipment or containers that con be contaminated by contact with industrial materials or wastes when appropriate.

The following Fact Sheets from the CASQA Stormwater BMP Handbook dated September 2014 in **Appendix G** provides additional information on proper material handling and waste management practices:

- SC-20 Vehicle and Equipment Fueling
- SC-21 Vehicle and Equipment Cleaning
- SC-22 Vehicle and Equipment Repair
- SC-30 Outdoor Loading and Unloading
- SC-31 Outdoor Liquid Container Storage
- SC-32 Outdoor Equipment Operations
- SC-34 Waste Handling and Disposal

- SC-41 Building and Grounds Maintenance

7.1.5 Erosion and Sediment Control

All erodible areas must be identified and addressed in the SWPPP. TE Partnership has erodible areas located at Site Specific areas. Refer to **Table 4** for potential pollutants and the location of erosion and sediment control BMPs.

To minimize sediment erosion, TE Partnership:

- Implements effective wind erosion controls.
- Provides effective stabilization for inactive areas, finished slopes, and other erodible areas prior to a forecasted storm event.
- Maintains effective perimeter controls and stabilizes all Site entrances and exits to sufficiently control discharges of erodible materials from discharging or being tracked off Site.
- Diverts run on and stormwater generated from within the facility away from all erodible areas.

The following Fact Sheets from the CASQA Stormwater BMP Handbook dated September 2014 in **Appendix G** provides additional information on proper erosion and sediment control practices:

- SC-40 Contaminated or Erodible Areas

7.1.6 Employee Training Program

Employee training is an integral element in implementing the SWPPP. Well informed and adequately trained employees at all levels of responsibility ensure that the objectives of each component of the SWPPP are effective in maintaining the integrity and effluent quality of stormwater runoff from the Facility.

As part of the employee training program TE Partnership:

- Ensures that all team members on the SWPPT are properly trained to implement requirements of the General Permit (Monitoring Training, BMP implementation, Observations, etc.).
- Prepares or acquires appropriate training manuals or training materials for Facility personnel.
- Identifies which additional Facility personnel need training and provide a training schedule.
- Maintains documentation of all completed training classes and Facility personnel that received training on the SWPPP. See **Appendix H** for Facility training documents.

7.1.7 Quality Assurance and Recordkeeping

To ensure compliance with the General Permit and proper continued implementation of the SWPPP, TE Partnership:

- Developed and implements management procedures to ensure that appropriate staff implements all elements of the SWPPP, including the Monitoring Implementation Plan.
- Develop a method of tracking and recording the implementation of BMPs identified.
- Maintains the BMP implementation records, training records, and records related to any spills and clean-up related response activities for a **minimum of five years**.

7.2 Advanced BMPs

In addition to the minimum BMPs described in the above Sections, TE Partnership will implement and maintain any advanced BMPs to the extent feasible. Advanced BMPs are generally structural BMPs that must be implemented if the minimum BMPs are inadequate to achieve compliance with the technology-based effluent limitations.

Examples of advanced BMPs include:

- Exposure Minimization BMPs (e.g. storm resistant shelters)
- Stormwater containment and Discharge Reduction BMPs (e.g., detention basins)
- Treatment Control BMPs (vegetated swales)
- Other Advanced BMPs

TE Partnership has 3 retention ponds to capture a majority of the stormwater that falls on the Site.

If advanced BMPs are implemented following July 1, 2015, they must comply with the requirements specified in Section X.H.2 of the General Permit.

7.3 BMP Summary Table

The General Permit requires a summary table of all areas of industrial activity, the associated industrial pollutant sources, the pollutants, and corresponding BMPs being implemented. This information is presented in **Table 4**.

8. SWPPP Monitoring and Reporting Requirements

8.1 Monitoring and Limitations

TE Partnership will collect and analyze stormwater samples from two Qualifying Storm Events (QSEs) within the first half and the second half of each reporting year.

First Half of Year (July 1- December 31)	Second Half of Year (January 1 – June 30)
Collect 2 Samples from 2 QSEs	Collect 2 Samples from 2 QSEs

A QSE is a precipitation event that:

- Produces a discharge for at least one drainage area.
- Is preceded by 48 hours with no discharge from any drainage area.

Samples must be collected from each drainage area at all discharge points. The collected samples must be representative of stormwater associated with industrial activities and any commingle authorized NSWDs; or, associated with the discharge of contained stormwater.

- The samples collected must be collected within 4 hours of:
  - The start of the discharge at each discharge point.

- The start of facility operations if the QSE occurs within the previous 12 hour period. Sample collection is required during scheduled facility operating hours and when sampling conditions are safe.

- Each discharge point needs to be considered independent when determining the 4-hour window for sampling.

The following are standard parameters that TE Partnership must sample for:

- Total Suspended Solids (TSS)
- Oil and Grease (O&G)
- pH

Based on TE Partnership's SIC Code 4911, potential site specific pollutants, and receiving water bodies, TE Partnership is also required to sample for:

- Iron (Fe)

TE Partnership will submit all sampling and analytical results via SMARTS within 30 days of obtaining all results for each sampling event.

This General Permit incorporates a multiple objective performance measurement system that includes Numeric Action Levels (NALs). Applicable NALs for all parameters listed above are presented below in **Table A**.

Table A – Applicable Numeric Action Levels

Parameter	Annual NAL	Instantaneous Maximum
Total Suspended Solids	100 mg/L	400 mg/L
Oil & Grease	15 mg/L	25 mg/L
pH	N/A	Less than 6.0; Greater than 9.0
Iron	1.0 mg/L	-

8.2 Monitoring Implementation Plan

The Monitoring Implementation Plan (MIP) is provided in **Appendix J** and includes:

- An identification of team members assigned to conduct the monitoring requirements.
- A description of discharge locations.
- Visual observation procedures.
- Visual observation response procedures related to monthly visual observations and sampling event visual observations.
- Justification for alternative discharge locations, representative sampling reduction, and qualified combined samples.

- Procedure for field instrument calibration instructions, including calibration intervals specified by the manufacturer.
- An example Chain of Custody form used when handling and shipping water quality samples to the lab.

8.3 Alternative Discharge Locations

TE Partnership is required to identify when practicable, alternative discharge locations if the Facility's designated discharge locations are:

- Affected by stormwater run-on from surrounding areas that cannot be controlled.
- It is difficult to observe or sample (e.g., submerged discharge outlets, dangerous discharge location accessibility).

Any alternative discharge location(s) will be updated in the Monitoring Implementation Plan and submitted and certified via SMARTS.

8.4 Representative Sampling Reduction

The number of locations sampled in each drainage area can be reduced if the industrial activities, BMPs, and physical characteristics (grade, surface materials, etc.) of the drainage area for each location to be sampled are substantially similar to one another per Section XI.C.4.a of the General Permit.

Currently, TE Partnership has not submitted for a sample reduction.

Qualified Combined Samples:

- TE Partnership may authorize an analytical laboratory to combine samples of equal volume from as many as four (4) discharge locations if the industrial activities, BMPs, and physical characteristics (grade, surface materials, etc.) within each of the drainage areas are substantially similar to one another per Section XI.C.5.a of the General Permit.

Currently, TE Partnership does not combine any samples from the Facility's discharge locations.

8.5 Sampling Frequency Reduction Certification

TE Partnership may become eligible to reduce the number of QSEs sampled each reporting year per Section XI.C.7.a. of the General Permit by fulfilling the following requirements:

- Results from four (4) consecutive QSEs (QSEs may be from different reporting years) that were sampled did not exceed any NALs.
- TE Partnership is in full compliance with the requirements of the General Permit and has updated, certified and submitted via SMARTS all documents, data, and reports required by the General Permit during the timer period in which samples were collected.

If sampling frequency reduction is granted, TE Partnership will:

- Collect and analyze samples from one (1) QSE within the first half of each reporting year (July 1 – December 31).

- Collect and analyze samples from one (1) QSE within the second half of the reporting year (January 1 – June 30).
- All other monitoring sampling and reporting requirements remain in effect.

TE Partnership is currently not eligible for sampling frequency reduction.

Sampling frequency can also be reduced by participating in a Compliance Group. Information regarding Compliance Groups can be found in **Section 10.0**.

TE Partnership is currently not part of a Compliance Group.

8.6 Visual Observations

All visual observations should be documented on forms provided. Each inspection record will include the following information, at minimum:

- Date and time of observation
- Name of person(s) conducting observation
- Drainage areas observed
- Presence and source of any pollutants observed
- Response to visual observations

8.6.1 Sampling Event Visual Observations

Sampling event visual observations will be conducted at the same time sampling occurs at each discharge location. TE Partnership's Sampling Event Visual Observation Form can be found in **Appendix K**. At each discharge location where a sample is collected, TE Partnership will visually observe and record the presence or absence of:

- Floating and suspended materials
- Oil and grease
- Discolorations or sheen
- Turbidity
- Odors
- Trash/debris
- Any source(s) of discharged pollutants

In the event that a discharge location is not visually observed during the sampling event, TE Partnership will record the location not observed and provide an explanation in the Annual Report for uncompleted sampling event visual observations.

8.6.2 Monthly Visual Observations

Every month, TE Partnership will visually observe each drainage area for:

- Presence or indicators of prior, current, or potential unauthorized NSWDs and their sources.
- Authorized NSWDs, and associated BMPs.

- Outdoor industrial equipment and storage areas, outdoor industrial activities areas, BMPs, and all other potential sources of industrial pollutants.

All monthly visual observations will be conducted during daylight hours of scheduled facility operating hours and on days without precipitation. The schedule Facility operating hours can be found on the Quick Reference Information page located before the table of contents. TE Partnership's Monthly Visual Observation Form can be found in **Appendix L**.

An explanation will need to be provided in the Annual Report for uncompleted monthly visual observations. All monthly visual observations will be submitted and certified electronically via SMARTS.

8.6.3 Sample Collection and Visual Observation Exceptions

Sample collection and visual observations are not required under the following conditions:

- During dangerous weather conditions such as flooding or electrical storms.
- Outside of scheduled facility operating hours. See Quick Reference Information for Facility operating hours.

In the event that samples are not collected, or visual observations are not conducted due to the exceptions, an explanation must be included in the Annual Report.

8.7 Annual Comprehensive Site Compliance Evaluation

In addition to routine inspections, for each reporting year (July 1 to June 30), one or more members of the SWPPT will conduct an Annual Comprehensive Site Compliance Evaluation (ACSCE) presented in **Appendix M** to evaluate and verify compliance with the General Permit. The ACSCE will be conducted between 8 – 16 months after the previous annual evaluation. The ACSCE will be submitted and certified electronically via SMARTS. The ACSCE will consist of:

- A review of all sampling visual observations, and inspection records conducted during the previous reporting year.
- Inspect all areas that include industrial materials or activities exposed to stormwater.
- Inspect areas where spills or leaks have occurred in the preceding three years.
- Inspect all structural controls, including the maintenance and effectiveness of the control; inspect all non-structural controls, including the maintenance and effectiveness of the control.
- Review all records required by the General Permit and the SWPPP.
- Inspect discharge locations for BMP effectiveness.

The Site personnel shall look for industrial materials, residue, or trash that has the potential to impact stormwater:

- Leaks or spills from industrial equipment, drums, barrels, tanks, or similar containers.
- Off-Site tracking of industrial materials or sediment where vehicles enter/exit the Facility.
- Tracking or blowing of raw, final, or waste materials from areas of no exposure to exposed areas.

- Evidence of, or potential for, pollutants entering the drainage system.

8.8 Annual Report

TE Partnership will certify and submit via SMARTS an Annual Report **(Appendix N)** no later than July 15th of each reporting year. Upon written notification a copy of the Annual Report shall be submitted to the local agencies, State Water Resources Control Board (State Water Board), or USEPA within ten (10) working days after receiving the request.

The Annual Report will include:

- A Compliance Checklist that indicates whether a discharger complies with and has addressed all applicable requirements of the General Permit.
- An explanation for any non-compliance of requirements within the reporting year.
- An identification including page numbers and/or sections, of all revisions made to the SWPPP within the reporting year.
- The date(s) of the Annual Evaluation.

All reports required from the General Permit will be submitted and certified electronically via SMARTS. Step by step instructions on how to prepare and submit an Annual Report can be found in **Appendix O**.

8.9 SWPPP Revisions

As a result of each ACSCE for which incidents or situations of noncompliance are found, the SWPPP will be revised within 90 days of the ACSCE. Events that trigger a SWPPP update include:

- Additional or new potential pollution sources not previously addressed and the pollution prevention measures and controls necessary to correct them.
- Changes in procedural operations implemented at the Facility.
- Change in design, construction, operation, or maintenance that may impact the potential for pollutants to be discharged.
- If the SWPPP proves to be ineffective in controlling the discharge of pollutants.
- Site personnel or agency inspectors determine that the SWPPP is non-compliant for any reason.

A SWPPP Revision Log is found in **Appendix P**. BMP revisions made in response to observed compliance problems will be included in the revised SWPPP electronically submitted via SMARTS. With the exception of significant revisions, TE Partnership is not required to certify and submit via SMARTS their SWPPP revisions more than once every three (3) months in the reporting year.

If a revision is deemed significant, TE Partnership is required to certify and submit the SWPPP via SMARTS within 30 days of the significant revision(s).

8.10 Retention of Records

The SWPPP will be retained on site and made readily available to the USEPA, State Water Board, RWQCB, or municipal stormwater management agency (local agency) inspectors or the public upon request.

TE Partnership will retain a copy of the SWPPP, any reports required by their General permit, records of inspections, spills, BMPs related to maintenance activities, corrective actions and visual observations. TE Partnership will retain records of all monitoring information for a period of at least five years from the date of generation of inspection, sampling or measurement.

This period may be extended by request of the USEPA, State Water Board, RWQCB, or municipal stormwater management agency (local agency) any time. TE Partnership will submit any such records upon request. TE Partnership will implement procedures to ensure that employees implement all elements of the SWPPP and monitoring program at all times.

9. Exceedance Response Actions

For annual NALs, an exceedance occurs when the average of all analytical results from all samples taken at a facility during a reporting year for a given parameter exceeds an annual NAL presented in **Table A** hereon.

For instantaneous maximum NALs, an exceedance occurs when two or more analytical results from samples taken for any parameter within a reporting year exceed the instantaneous maximum NAL value (for TSS, O&G), or are outside of the instantaneous maximum NAL range (for pH) presented in **Table A** hereon.

9.1 Baseline Status

At the beginning of TE Partnership's NOI coverage under this General Permit, TE Partnership will have Baseline status. By demonstrating compliance with all NALs, TE Partnership will remain at Baseline status and is not required to complete Level 1 status and Level 2 status ERA requirements.

9.2 Level 1 Status

If an exceedance occurs at the Facility, regardless of when an NAL exceedance occurs during or Baseline status, TE Partnership's status will change from Baseline status to Level 1 status on July 1st of the subsequent reporting year. See Section XII.C of the General Permit if the Facility status changes to Level 1.

9.3 Level 2 Status

For any given parameter, Level 1 status will change to Level 2 status if the sampling results indicate an NAL exceedance for that same parameter while in Level 1 status. The status will change from Level 1 status to Level 2 status on July 1st of the subsequent reporting year. See Section XII.D of the General Permit if the Facility status changes to Level 2.

10. Compliance Groups

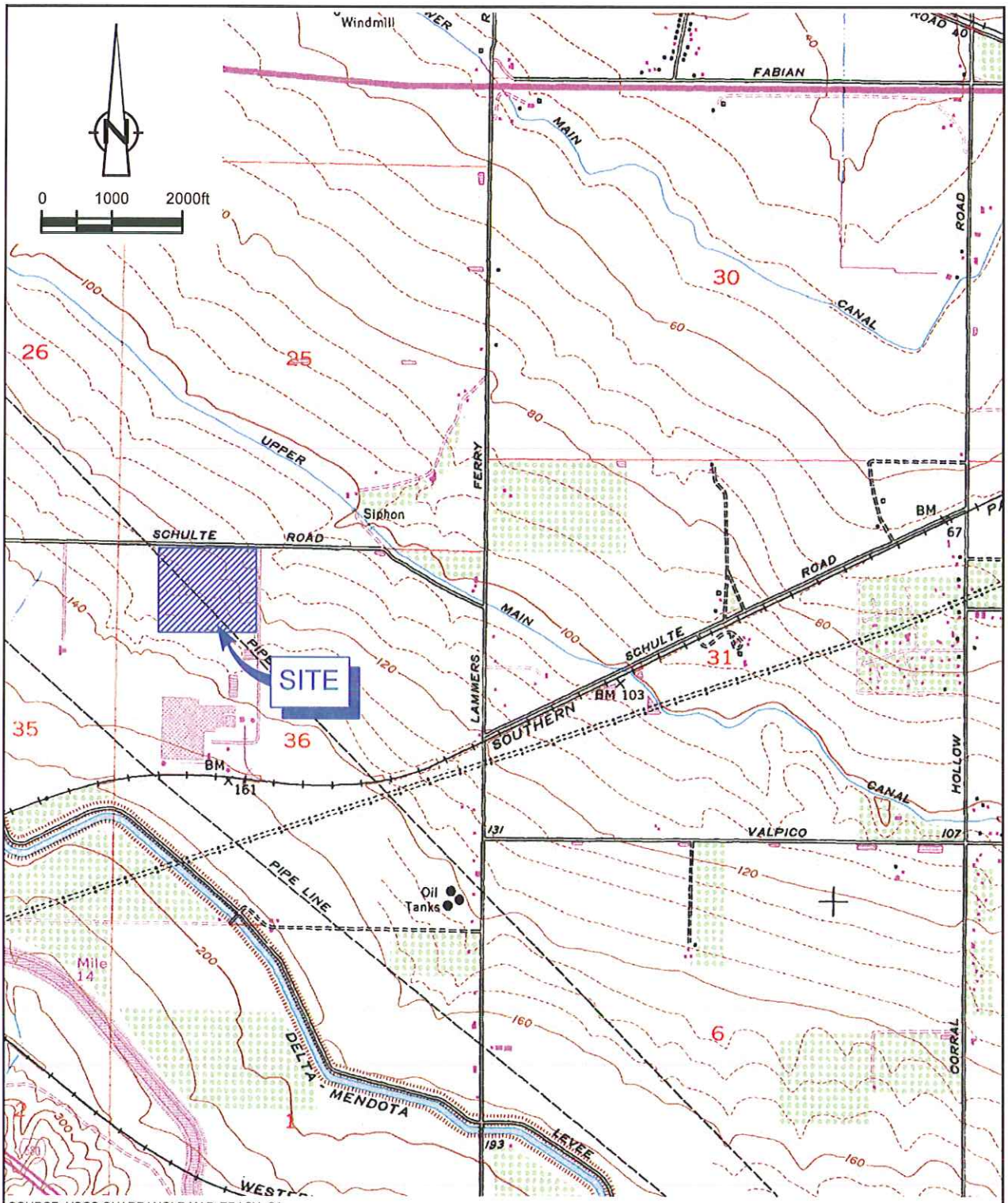
Compliance groups are groups of other facilities covered under the General Permit that share common types of pollutant sources and industrial activity characteristics.

Facilities participating in compliance groups are only required to sample two QSEs each year. Compliance group leaders must:

- Assist each participant with all required compliance activities.
- Inspect each participant's facility within each reporting year.
- Complete a State Water Board sponsored or approved training program for compliance group leaders.
- Prepare Consolidated Level 1 ERA reports, as needed.
- Prepare Level 2 ERA Action Plans and Technical Reports, as needed.

TE Partnership is not currently a participant in any compliance groups.

Figures

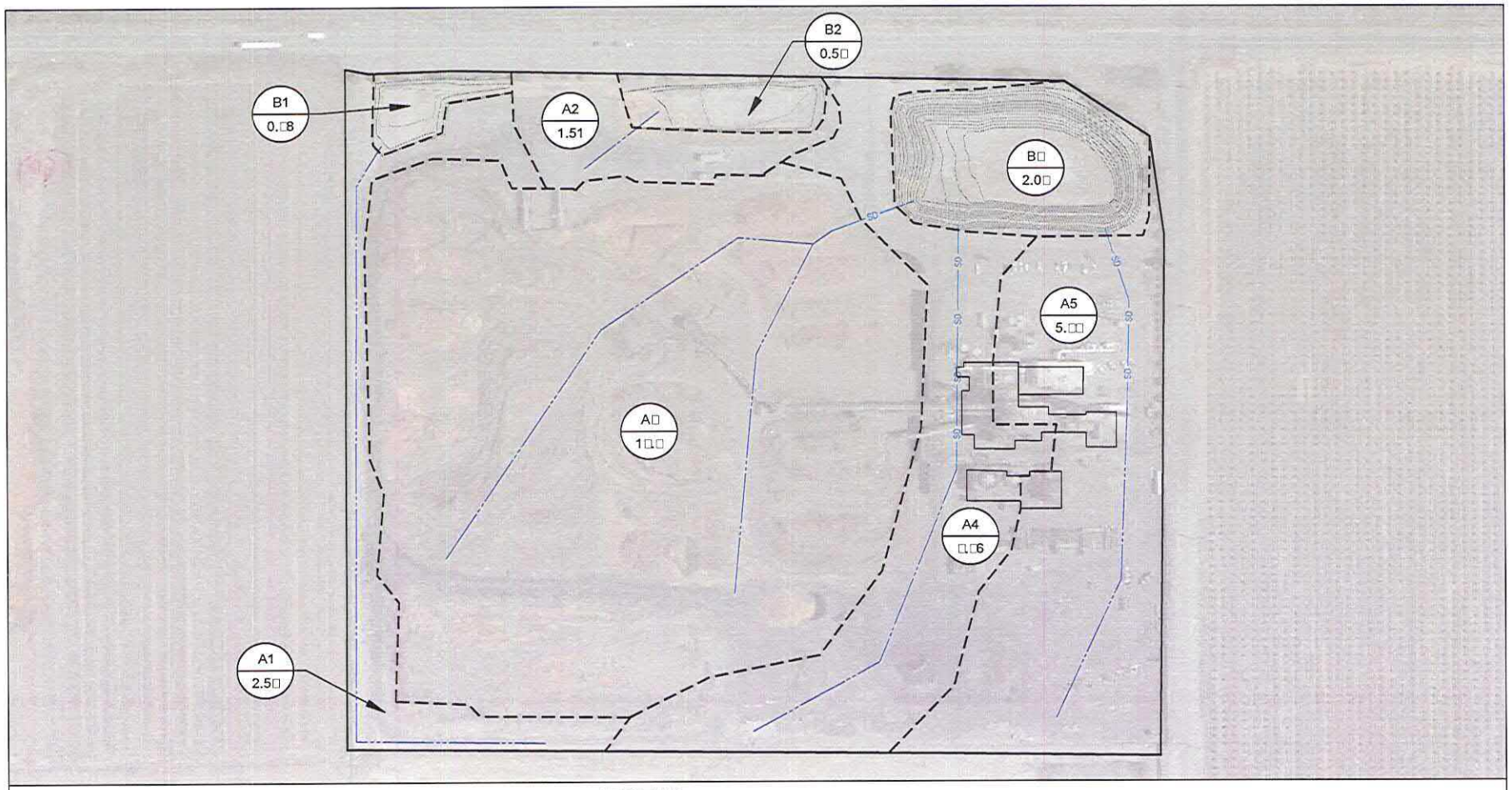


SOURCE: USGS QUADRANGLE MAP: TRACY, CA.

figure 1

SITE LOCATION MAP
TRACY BIOMASS PLANT
14800 W. SCHULTE ROAD
Tracy, California

11102864-00(PRES001)GN-WA001 JUN 2, 2015



LEGEND

A1 / 2.5□	DRAINAGE AREA / AREA (ACRES)
B1 / 0.□8	BASIN AREA / AREA (ACRES)
— — —	SUBDRAINAGE BOUNDARY
———	DRAINAGE BOUNDARY
—— SD ——	STORM DRAIN □LOWLINE
—·—·—	SUR□ACE □LOWLINE

0 85 1□0□T

□IGURE 2

□ACILITY PLAN
THERMAL ENERGY DE□ELOPMENT PARTNERSHIP
14800 W SCHULTE ROAD
Tracy, California, 95377

11102864-2015(002)GN-IR002 JULY □2015

Tables

TABLE 1						
LIST OF INDUSTRIAL MATERIALS						
Thermal Energy Development Partnership, LP						
Tracy, CA						
Industrial Material	***Storage Location***	***Receiving Location***	***Shipping Location***	***Handling Location***	***Quantity Stored***	***Handling Frequency***
Diesel	Diesel Generator	Same as Storage	N/A	Same as Storage	1,500 gallons	Monthly
Diesel	Fire Pump House	Same as Storage	N/A	Same as Storage	300 gallons	Monthy
Waste Oil	Fuel Containment	Same as Storage	N/A	Same as Storage	1,000 gallons	Quarterly
15W-40 Motor Oil	Fuel Containment	Same as Storage	N/A	Same as Storage	285 gallons	Annual
15W-40 Motor Oil	Equipment Shop	Same as Storage	N/A	Same as Storage	55 gallons	Annual
GST 32 Turbine Oil	Fuel Containment	Same as Storage	N/A	Same as Storage	110 gallons	Annual
HD ISO 32 Hydraulic Oil	Fuel Containment	Same as Storage	N/A	Same as Storage	110 gallons	Annual
ISO 150 Machine Oil	Fuel Containment	Same as Storage	N/A	Same as Storage	110 gallons	Annual
ISO 220 Machine Oil	Fuel Containment	Same as Storage	N/A	Same as Storage	110 gallons	Annual
EP ISO 220 Gear Compound	Fuel Containment	Same as Storage	N/A	Same as Storage	110 gallons	Annual
85W-140 Gear Lubricant	Fuel Containment	Same as Storage	N/A	Same as Storage	110 gallons	Annual
Bar Oil ISO 150 Chain Oil	Fuel Containment	Same as Storage	N/A	Same as Storage	110 gallons	Annual

TABLE 1						
LIST OF INDUSTRIAL MATERIALS						
Thermal Energy Development Partnership, LP						
Tracy, CA						
Industrial Material	***Storage Location***	***Receiving Location***	***Shipping Location***	***Handling Location***	***Quantity Stored***	***Handling Frequency***
EP NLGI 2 Grease	Fuel Containment	Same as Storage	N/A	Same as Storage	110 gallons	Annual
Mineral Oil	60,000v Transformer	Fuel Containment	N/A	Same as Storage	3,340 gallons	Annual
Mineral Oil	2,400v Transformer	Fuel Containment	N/A	Same as Storage	675 gallons	Annual
Mineral Oil	575v Transformer	Fuel Containment	N/A	Same as Storage	274 gallons	Annual
Mineral Oil	4,160v Transformer	Fuel Containment	N/A	Same as Storage	283 gallons	Annual
Mineral Oil	480v Transformer	Fuel Containment	N/A	Same as Storage	365 gallons	Annual
HD ISO 32 Hydraulic Oil	East Truck Dump	Same as Storage	N/A	Same as Storage	575 gallons	Annual
HD ISO 32 Hydraulic Oil	West Truck Dump	Same as Storage	N/A	Same as Storage	575 gallons	Annual
GST 32 Turbine Oil	Turbine Generator Deck	Fuel Containment	N/A	Same as Storage	1,000 gallons	Annual
HD ISO 32 Hydraulic Oil	Fuel Pile	Same as Storage	N/A	Same as Storage	130 gallons	Annual
Diesel	Fuel Pile	Same as Storage	N/A	Same as Storage	200 gallons	Monthly

TABLE 2						
POTENTIAL POLLUTANT SOURCES						
Thermal Energy Development Partnership, LP						
Tracy, CA						
Classification	***Description***	***Exposed to Stormwater?***	***Type/Characteristics***	***Handling Procedures***	***Quantity***	***Discharge Outlet***
Material Handling and Storage Area	Storage	Yes	Biomass fuel storage	Mobile equipment and conveyers	50,000 BDT	Outfall
Dust and Particulate Generating Activity	Other	Yes	Loading and unloading from truck dumper	Hopper enclosure with conveyors	32 BDT	Outfall
Material Handling and Storage Area	Storage	Yes	Lay down yard storage area	Minimize traffic	NA	Outfall
Material Handling and Storage Area	Maintenance	Yes	Equipment wash downs	Use of on site containment	NA	Outfall
Material Handling and Storage Area	Storage	Yes	Secondary containment potential overflow and spill for all ASTs not in the fuel containment area.	Protect for traffic	1,000 gallons	Outfall

TABLE 3

SPILL RESPONSE EQUIPMENT AND LOCATION

SPILL RESPONSE EQUIPMENT	STORAGE LOCATION	NUMBER AVAILABLE FOR USAGE
Caution Tape	Spill Response Box	Minimum 1 roll in each kit
Brush and Dust Pan	Spill Response Box	Minimum 1 set in each kit
Rubber Gloves	Spill Response Box	Minimum 4 sets in each kit
Absorbent Pads	Spill Response Box	Min. 2 (100/bag) bags on site
Absorbent Socks	Spill Response Box	Minimum 20 on site
Shovel and Floor Dry	Spill Response Box	Minimum 2 33 lb. bags on site
Broom and Squeegee	Spill Response Box	Minimum 1 set in each kit
Drip Pans	Spill Response Box	Minimum 2 in each kit

TABLE 4

BMP SUMMARY TABLE

Summary of Pollutants, Sources, and Implemented BMPs

Activity/Facility Type	Potential Pollutants																					Advanced/Site Specific BMPs	
	Sediment	Oil and Grease	Hydrocarbons	Gross Pollutants	Trace Metals	Toxics	Hazardous Chemicals/Inorganics	Organics	Particulates and Dust	SC11-Spill Prevention Control, and Cleanup	SC-20 Vehicle and Equipment Fueling	SC-21 Vehicle and Equipment Cleaning	SC-22 Vehicle and Equipment Repair	SC30-Outdoor Loading and Unloading	SC31-Outdoor Liquid Container Storage	SC32-Outdoor Equipment Operations	SC33-Outdoor Storage of Raw Material	SC34-Waste Handling & Disposal	SC40-Contaiminated or Erodible Areas	SC41-Building & Grounds Maintenance	SC-43 Parking/Storage Area Maintenance	SC44-Drainage System Maintenance	TC-20 Wet Pond (Retention Pond)	TC-50 Water Quality Inlet (Oil Water Separator)
Fuel Storage & Cull Log Storage	X							X	X								X		X				X	
Truck Dumper	X	X	X					X	X	X				X		X							X	
Trash Bins				X					X									X					X	
Employee Parking Lot		X	X		X																X		X	
Maintenance and Fueling	X	X	X		X			X			X	X	X			X				X		X	X	X
Laydown Yard	X				X												X		X				X	
Portable Log Chipper								X	X							X							X	
Outdoor and Exposed Tank Storage Areas			X				X			X					X					X			X	

Appendices

Appendix A
Water Quality Order No. 2014-0057-DWQ National Pollutant Discharge Elimination System General Permit No. CAS000001

Appendix B
Stormwater Pollution Prevention Plan and Monitoring Program Review Sheet

STORMWATER POLLUTION PREVENTION PLAN AND MONITORING PROGRAM REVIEW SHEET

GENERAL INDUSTRIAL ACTIVITIES STORMWATER PERMIT
WATER QUALITY ORDER NO. 2014-0057-DWQ

FACILITY NAME: Thermal Energy Development Partnership, LP

WDID#: _____ REVIEW DATE: May 17, 2016

FACILITY CONTACT

Name	James R. Huffman
Title	Vice President of California Operations
Company	Thermal Energy Development Partnership, LP
Street Address	14800 W. Schulte Road
City, State	Tracy, California
Zip	95377

CONSULTANT

Name	Michael Beerends
Title	GHD Engineering Manager
Company	GHD
Street Address	7086 N. Maple Suite 101
City, State	Fresno, California
Zip	93720

Indication of WDID#		☐ YES		☐ NO
STORMWATER POLLUTION PREVENTION PLAN	**Not Applicable**	**SWPPP Page #**	**Date Implemented or last Revised**	**Comments**
Signed Certification (II.A)		Page #1	May 2016	
Pollution Prevention Team (X.D.1)		Appendix D	May 2016	
Existing Facility Plans (X.D.2)		Figures 1 & 2	May 2016	
Facility Site Map(s)				
Facility boundaries (X.E.3.a)		Figure 1 & 2	May 2016	
Drainage areas (X.E.3.a)		Figure 2	May 2016	
Direction of flow (X.E.3.a)		Figure 2	May 2016	
On-site water bodies (X.E.3.a)		Figure 2	May 2016	
Areas of soil erosion (X.E.3.a)		Figure 2	May 2016	
Nearby water bodies (X.E.3.a)		Figure 2	May 2016	
Municipal storm drain inlets (X.E.3.a)		Figure 2	May 2016	
Points of discharge (X.E.3.b)		Figure 2	May 2016	
Sampling locations (X.E.3.b)		Figure 2	May 2016	
Structural control measures (X.E.3.c)		Figure 2	May 2016	
Impervious areas (X.E.3.d) (paved areas, buildings, covered areas, roofed areas)		Figure 2	May 2016	
Location of directly exposed materials (X.E.3.e)		Figure 2	May 2016	
Locations of significant spills and leaks (X.E.3.f)		Figure 2	May 2016	
Areas of industrial activity (X.E.3.f)		Figure 2	May 2016	
Storage areas / Storage tanks (X.E.3.f)		Figure 2	May 2016	
Shipping and receiving areas (X.E.3.f)		Figure 2	May 2016	
Fueling areas (X.E.3.f)		Figure 2	May 2016	
Vehicle and equipment storage and maintenance (X.E.3.f)		Figure 2	May 2016	
Material handling / Material processing (X.E.3.f)		Figure 2	May 2016	
Waste treatment / Waste disposal (X.E.3.f)		Figure 2	May 2016	
Dust generation / Particulate generation (X.E.3.f)		Figure 2	May 2016	
Cleaning areas / Rinsing areas (X.E.3.f)		Figure 2	May 2016	
Other areas of industrial activities (X.E.3.f)		Figure 2	May 2016	

STORMWATER POLLUTION PREVENTION PLAN	Not Applicable	SWPPP Page #	Date Implemented or last Revised	Comments
List of Industrial Materials (X.F) **For each industrial material listed:*				
Storage location				
Quantity		Table 1	May 2016	
Frequency		Table 1	May 2016	
Receiving and Shipping Location			May 2016	
Quantity		Table 1	May 2016	
Frequency		Table 1	May 2016	
Handling location				
Quantity		Table 1	May 2016	
Frequency		Table 1	May 2016	
Description of Potential Pollution Sources (X.G.1)				
Industrial processes (X.G.1.a)		Section 6.1	May 2016	
Material handling and storage areas (X.G.1.b)		Section 6.2	May 2016	
Dust and particulate generating activities (X.G.1.c)		Section 6.3	May 2016	
Significant spills and leaks (X.G.1.d)		Section 6.4	May 2016	
Non-storm water discharges (X.G.1.e)		Section 6.5	May 2016	
Erodible surfaces (X.G.1.f)		Section 6.6	May 2016	
Assessment of Potential Pollutant Sources (X.G.2)				
Narrative assessment of likely sources of pollutants (X.G.2.a)		Table 2, Table 4	May 2016	
Narrative assessment of likely pollutants present in storm water discharge (X.G.2.a)		Table2, Table 4	May 2016	
Identification of additional BMPs (X.G.2.b)		Section 7.1.1-7.1.7	May 2016	
Identification of drainage areas with no exposure (X.G.2.c)	N/A		May 2016	
Identification of additional parameters (X.G.2.d)		Section 8.1, Table A	May 2016	
Stormwater Best Management Practices (X.H)				
Minimum BMPs (X.H.1)				
Good housekeeping (X.H.1.a)		Section 7.1.1	May 2016	
Preventative maintenance (X.H.1.b)		Section 7.1.2	May 2016	
Spill response (X.H.1.c)		Section 7.1.3	May 2016	
Material handling and waste management (X.H.1.d)		Section 7.1.4	May 2016	
Erosion and sediment controls (X.H.1.e)		Section 7.1.5	May 2016	
Employee training program (X.H.1.f)		Section 7.1.6	May 2016	
Quality assurance and recordkeeping (X.H.1.g)		Section 7.1.7	May 2016	
Advanced BMPs (X.H.2)				
Implement advanced BMPS at the facility (X.H.2.a)	N/A		May 2016	
Exposure minimization BMPs (X.H.2.b.i)	N/A		May 2016	
Storm Water containment and discharge reduction BMPs (X.H.2.b.ii)	N/A		May 2016	
Treatment Control BMPs (X.H.2.b.iii)	N/A		May 2016	
Other advanced BMPs (X.H.2.b.iv)		Section 7.2	May 2016	
Temporary Suspension of Activities (X.H.3)				
BMPs necessary for stabilization of the facility (X.H.3)	N/A		May 2016	
BMP Description (X.H.4)				

Pollutant that a BMP reduces or prevents (X.H.4.a.i)		Appendix I, G	May 2016	
Frequency of BMP implementation (X.H.4.a.ii)		Appendix I, G	May 2016	
Location of BMP (X.H.4.a.iii)		Appendix I	May 2016	
Person implementing BMP (X.H.4.a.iv)		Appendix I	May 2016	
Procedure/maintenance/instructions for BMP implementation (X.H.4.a.v)		Appendix I, G	May 2016	
Equipment and tools for BMP implementation (X.H.4.a.vi)		Appendix I, G	May 2016	
BMPs needing more frequent inspection (X.H.4.a.vii)		Appendix I, G	May 2016	
Minimum BMP/applicable advanced BMPs not implemented at the facility (X.H.4.b)		Section 7.0, Appendix I	May 2016	
BMPs implemented in lieu of minimum or applicable advanced BMPs (X.H.4.c)		Section 7.0, Appendix I	May 2016	
BMP Summary Table (X.H.5)				
Summary table of each identified area of industrial activity, the associated industrial pollutant sources, the industrial pollutants, and the BMPs being implemented (X.H.5)		Table 4	May 2016	
Monitoring Implementation Plan (X.I)				
Team members assisting in developing the MIP (X.I.1)		Appendix J	May 2016	
Summary of visual observation procedures, location, and details (X.I.2)		Appendix J	May 2016	
Justification if applicable for: (X.I.3) Alternative discharge locations Representative Sampling Reduction Qualified Combined Samples		Appendix J	May 2016	
Procedure for field instrument calibration (X.I.4)		Appendix J	May 2016	
Example of Chain of Custody (X.I.5)		Appendix J	May 2016	
Annual Comprehensive Site Compliance Evaluation (XV)				
Review of all visual inspection and monitoring records and sampling and analysis results conducted during the previous reporting year (XV.A)		Appendix M	May 2016	
Visual inspection of all areas of industrial activity and associated potential pollutant sources (XV.B)		Appendix M	May 2016	
Visual inspection of all drainage areas previously identified as having no-exposure to industrial activities and materials in accordance with the definition in Section XVII (XV.C)		Appendix M	May 2016	
Visual inspection of equipment needed to implement BMPs (XV.D)		Appendix M	May 2016	
Visual inspection of any structural and/or treatment control BMPs (XV.E)		Appendix M	May 2016	
Review and assessment of all BMPs for each area of industrial activity and associated potential pollutant sources (XV.F)		Appendix M	May 2016	
Assessment of other factors needed to complete the information described in Section XVI.B (XV.G)		Appendix M	May 2016	

MONITORING PROGRAM	**Not Applicable**	**SWPPP Page #**	**Date Implemented or last Revised**	**Comments**
Visual Observation (XI.A)				
Monthly Visual Observation (XI.A.1) **During daylight and non-precipitating facility hours on each drainage area:*				
Observation of any presence or indications of prior, current, or potential unauthorized NSWDs (XI.A.1.a.i)		Appendix L	May 2016	

and their sources				
Authorized NSWDs, sources, and associated BMPs to ensure compliance with Section IV.B.3 (XI.A.1.a.ii)		Appendix L	May 2016	
Outdoor industrial equipment and storage areas, outdoor industrial activities, BMPs, and all other potential sources of industrial pollutants (XI.A.1.a.iii)		Appendix L	May 2016	
Annual Report explanation for incomplete monthly visual observation (XI.A.1.c)		Appendix L	May 2016	
Sampling Event Visual Observation (XI.A.2) **While monthly visual observations are conducted and at each discharge location where samples are obtained:*				
Sampling of any bypass that occurs at a treatment BMP (XI.A.2.b)		Appendix K	May 2016	
Observation of any presence or absence of floating and suspended materials, oil and grease, discoloration, turbidity, odors, trash/debris, and source(s) of any discharge pollutants (XI.A.2.c)		Appendix K	May 2016	
Discharge locations that were not observed or no discharges occurred from discharge location (XI.A.2.d)		Appendix K	May 2016	
Annual Report explanation for any incomplete Sampling event visual observation (XI.A.2.e)		Appendix K	May 2016	
Sampling and Analysis (XI.B) **At each drainage area at all discharge locations:*				
Samples collected from two QSEs within the first half of each reporting year July 1 to December 31 (XI.B.2)		Section 8.1	May 2016	
Samples collected from two QSEs within the second half of each reporting year January 1 to June 30 (XI.B.2)		Section 8.1	May 2016	
Compliance group to collect and analyze storm water samples from one QSE for the first half of the reporting July 1 to December 31 (XI.B.3)		Section 10.0	May 2016	
Compliance group to collect and analyze storm water samples from one QSE for the second half of the reporting year January 1 to June 30 (XI.B.3)		Section 10.0	May 2016	
Samples associated with industrial activities and authorized NSWDs (XI.B.4.a)		Appendix F	May 2016	
Samples associated with the discharge of contained stormwater (XI.B.4.b)		Appendix J	May 2016	
Samples to be collected within four hours at the start of discharge (XI.B.5.a)		Appendix J	May 2016	
Samples to be collected at the start of facility operations if the QSE occurs within the previous 12 hour period (XI.B.5.b)		Appendix J	May 2016	
Sampling for TSS and O&G (XI.B.6.a)		Appendix J	May 2016	
Sampling for pH (XI.B.6.b)		Appendix J	May 2016	
Sampling for toxic chemicals and other pollutants likely present in stormwater discharges in significant quantities (XI.B.6.c)		Appendix J	May 2016	
Sampling for other analytical parameters listed in Table 1 (XI.B.6.d)		Appendix J	May 2016	
Identification of analytical method and method detection limits (XI.B.7)		Appendix J	May 2016	
Monitoring methods in compliance to the General Permit (XI.C.1)		Appendix J	May 2016	
Stormwater Effluent Limitation Guidelines parameters (XI.D.1)		Appendix J	May 2016	
Description of sampling locations (X.E.3.b)		Appendix J	May 2016	

Description of sampling methods	(XI.B.11)		Appendix J	May 2016	
Annual report to be submitted by July 1 each year	(XVI)		Appendix N	May 2016	
Retention of all records for at least five years	(XXI.J.4)		Section 8.11	May 2016	

General Comments: _____

_____

_____

_____

Appendix C
Notice of Intent

State of California
State Water Resources Control Board

NOTICE OF INTENT

TO COMPLY WITH THE TERMS OF THE
GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH **INDUSTRIAL ACTIVITY** (WQ ORDER No. 97-03-DWQ)
(*Excluding Construction Activities*)

SECTION I. NOI STATUS (please check only one box)

A. [ ] New Permittee B. [ ] Change of Information WDID # |_|_|_|_|_|_|_|_|_|_|_|_|

SECTION II. FACILITY OPERATOR INFORMATION (See instructions)

A. NAME:

Phone: |_|_|_|--|_|_|_|--|_|_|_|_|

Mailing Address:

City:

State: |_|

Zip Code: |_|_|_|_|_|--|_|_|_|_|

Contact Person:

B. OPERATOR TYPE:
(check one) 1.[ ] Private Individual 2.[ ]Business 3.[ ]Municipal 4.[ ]State 5.[ ]Federal 6.[ ]Other

SECTION III. FACILITY SITE INFORMATION

A. FACILITY NAME

Phone: |_|_|_|--|_|_|_|--|_|_|_|_|

Facility Location:

County:

City:

State: C I A

Zip Code: |_|_|_|_|_|--|_|_|_|_|

B. MAILING ADDRESS:

City:

State: |_|

Zip Code: |_|_|_|_|_|--|_|_|_|_|

Contact Person:

C. FACILITY INFORMATION (check one)
Total Size of Site: _____ Acres [ ] Sq. Ft. [ ]

Percent of Site Impervious (*including rooftops*) |_____| %

D. SIC CODE(S) OF REGULATED ACTIVITY:

1. |_|_|_|_|
2. |_|_|_|_|
3. |_|_|_|_|

E. REGULATED ACTIVITY (*describe each SIC code*):

FOR STATE USE ONLY:

SECTION IV. ADDRESS FOR CORRESPONDENCE

|_| Facility Operator Mailing Address (Section II) |_| Facility Mailing Address (Section III, B.) |_| Both

SECTION V. BILLING ADDRESS INFORMATION

SEND BILL TO: [ ]Facility Operator Mailing Address (Section II) [ ]Facility Mailing Address (Section III, B.) [ ]Other (*enter information below*)

Name:		Phone:
Mailing Address:		
City:	State:	Zip Code:
Contact Person:		

SECTION VI. RECEIVING WATER INFORMATION

Your facility's storm water discharges flow: (*check one*) [ ] Directly OR [ ] Indirectly to waters of the United States.

Name of receiving water: _____
(river, lake, stream, ocean, etc.)

SECTION VII. IMPLEMENTATION OF PERMIT REQUIREMENTS

A. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (*check one*)
[ ] A SWPPP has been prepared for this facility and is available for review.
[ ] A SWPPP will be prepared and ready for review by (enter date): ____/____/____.

B. MONITORING PROGRAM (check one)
[ ] A Monitoring Program has been prepared for this facility and is available for review.
[ ] A Monitoring Program will be prepared and ready for review by (enter date): ____/____/____.

C. PERMIT COMPLIANCE RESPONSIBILITY
Has a person been assigned responsibility for:

1. Inspecting the facility throughout the year to identify any potential pollution problems? ..... ____YES ____NO
2. Collecting storm water samples and having them analyzed? ..... ____YES ____NO
3. Preparing and submitting an annual report by July 1 of each year? ..... ____YES ____NO
4. Eliminating discharges other than storm water (*such as equipment or vehicle wash-water*) into the storm drain? ..... ____YES ____NO

SECTION VIII. SITE MAP

I HAVE ENCLOSED A SITE MAP YES[ ] A new NOI submitted without a site map will be rejected.

SECTION IX. CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that I have read the entire General Permit, including all attachments, and agree to comply with and be bound by all of the provisions, requirements, and prohibitions of the permit, including the development and implementation of a Storm Water Pollution Pervention Plan and a Monitoring Program Plan will be complied with."

Printed Name: _____

Signature: _____ Date _____

Title: _____

Appendix D
Pollution Prevention Team Member Roster

POLLUTION PREVENTION TEAM MEMBER ROSTER	APPENDIX D **Completed by:** Craig Bressan **Title:** Corporate Manager EH&S **Date:** May 17, 2016

Title: Craig Bressan, Corporate Manager EH&S Office Phone: (916) 596-2515

Responsibilities:

- Implementation of plan and continued training of employees.
- Coordinate all activities associated with this plan.
- Signatory authority for all reports and certifications sent to the Regional Water Quality Control Board or other environmental regulatory agency.
- Approval of SWPPP.
- Approval of Annual Comprehensive Site Compliance Evaluation Report.

Title: Craig Bressan, Corporate Manager EH&S Office Phone: (916) 596-2515

Responsibilities will be shared:

- Conducting/documenting inspections and sampling.
- Duties include monthly visual observations, sampling observations, and sample collection.
- Oversee the preventative maintenance and repair of all elements of the storm water system, wastewater system, and containment structures.
- Oversee responsibilities include the integrity of wastewater ponds, dykes, curbs, and drain systems.
- Conduct Facility inspections for Annual Compliance.
- Completion of the Annual Report and submittal of all required documents via SMARTs.
- SWPPP Employee Training.
- Maintain records of monitoring, inspections, and other required information.

Update the SWPPP as necessary based on the results of the annual compliance evaluation and keep this report on file with the SWPPP. Revisions to the SWPPP should be made within two weeks of the inspection, and any new or modified control measures should be implemented within twelve weeks.

POLLUTION PREVENTION TEAM MEMBER ROSTER	APPENDIX D **Completed by:** Craig Bressan **Title:** Corporate Manager EH&S **Date:** May 17, 2016

Title: Michael Beerends, GHD Engineer — Office Phone: (559) 326-5900

Responsibilities:

- Qualified Stormwater Practitioner (QSP)
- Provide guidance and support to Facility
-

Title: Tom Baker, Maintenance Manager — Office Phone: (209) 835-6914

Responsibilities:

- Development of Stormwater Pollution Prevention Plan (SWPPP).
- Initial site assessment and identification of potential pollutant sources.
- Development of Best Management Practices (BMPs).
-

Appendix E
Pollution Incident Report

APPENDIX E

POLLUTION INCIDENT REPORT FORM

In the event of spill, the Pollution Incident Report Form must be completed to the extent information is available prior to contacting regulatory agencies and/or emergency response organizations.

Date of Spill:_____ Date of Spill Discovery:_____

Time of Spill:_____ Time of Spill Discovery:_____

Name and Title of Discoverer:_____

Type of material spilled and manufacturer's name:_____

Description of spill location:_____

Directions from nearest community:_____

Estimated volume of spill:_____

Weather conditions:_____

Topography and surface conditions of spill site:_____

Spill medium (pavement, sandy soil, water, etc.):_____

Proximity of spill to surface waters: _____

Did the spill reach a waterbody? _____Yes _____No

If so, was a sheen present? _____Yes _____No

Describe the causes and circumstances resulting in the spill:_____

_____

_____

Describe the extent of observed contamination, both horizontal and vertical (*i.e.*, spill-stained soil in a 5-foot radius to a depth of 1 inch): _____

_____

_____

Describe immediate spill control and/or cleanup methods used and implementation schedule: _____

_____

Current status of cleanup actions:_____

Name/Company/Address/Phone Number for the following:

Spill Coordinator:_____

Person Who Reported the Spill:_____

Environmental Inspector:_____

Form completed by:_____Date:_____

Appendix F
Non-Stormwater Discharge Assessment and Certification

NON-STORMWATER DISCHARGE ASSESSMENT AND CERTIFICATION	APPENDIX F Completed by:_____ Title:_____ Date:_____

The following certification is required to assure that: 1) all stormwater outfalls have been tested or evaluated for the presence of non-stormwater discharges, and 2) if non-stormwater discharges are present, they have been identified in the facility's General Permit. This table must be completed as non-stormwater discharge assessments are conducted.

Date of Test	Outfall Directly Observed During the Evaluation (identify as indicated on the site map)	Method Used to Evaluate Discharge	Describe Results from Evaluation for the Presence of Non-Stormwater Discharge	Identify Potential Significant Sources	Name of Person Who Conducted the Evaluation

CERTIFICATION

I, _____ (responsible corporate official), certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title (type or print)	B. Area Code and Telephone No.
C. Signature	D. Date Signed

Appendix G
CASQA BMPs for Industrial Activities

Appendix H
Employee Training Log

APPENDIX H
EMPLOYEE TRAINING LOG

SUBJECTS COVERED _____

_____

TRAINER _____ **DATE** _____

EMPLOYEE NAME	EMPLOYEE SIGNATURE

Signature of Personnel Conducting Training: _____

Appendix I
BMP Implementation Schedule

BMP IMPLEMENTATION SCHEDULE	APPENDIX I **Completed by:** Craig Bressan **Title:** Corporate Manager EH&S **Date:** May 17, 2016

The following is a schedule for implementing each BMPs with a description of each BMPs, the steps necessary to implement the BMPs (i.e., any construction or design), the schedule for completing those steps (list dates) and the person(s) responsible for implementation.

BMPs	Description of Actions(s) Required for Implementation	Scheduled Completion Date(s) for Req'd. Action	Person Responsible for Action	Notes
Good Housekeeping	1. Construct containment areas of impervious material.	Continuous	All Trained Employees	
	2. Immediately clean up all spills, where possible.	Continuous		
	3. Provide MSDS for hazardous chemicals present at the Facility.	Continuous		
	4. Keep lids on drums and containers during storage.	Continuous		
	5. Pick up and dispose of debris, trash, and other waste material.	As needed		
	6. Keep culverts, drains, dikes, and trenches clear of debris and remove accumulated sediments.	Continuous		
	7. Control access to potential pollution sources.	Continuous		
Minimizing Exposure	1. Store material and equipment under roof, where possible.	Continuous	Tom Baker	
	2. Cover waste bins located outside prior to storm event occurrence.	Continuous	Tom Baker	
Preventive Maintenance	1. Conduct regular inspections of equipment.	Monthly	Tom Baker	
	2. Conduct routine maintenance on equipment.	As needed	Tom Baker	
Inspections	1. Develop inspection guidelines and schedules for stormwater management devices; storage containers, bins, and drums; pipes; pumps; material handling equipment; material bulk storage; and loading/unloading areas, as applicable.	Completed (SWPPP herein)	Craig Bressan/Tom Baker	
	2. Conduct inspections of equipment and systems used outdoors.	Weekly	Craig Bressan/Tom Baker	
	3. Conduct inspections of Facility and storm water discharges.	Monthly	Craig Bressan/Tom Baker	
	4. Conduct inspections of Facility for authorized and unauthorized non-stormwater discharges.	Monthly	Craig Bressan/Tom Baker	
	5. Respond and correct identified deficiencies.	Continuous	Craig Bressan/Tom Baker	

BMP IMPLEMENTATION SCHEDULE	APPENDIX I **Completed by:** Craig Bressan **Title:** Corporate Manager EH&S **Date:** May 17, 2016

The following is a schedule for implementing each BMPs with a description of each BMPs, the steps necessary to implement the BMPs (i.e., any construction or design), the schedule for completing those steps (list dates) and the person(s) responsible for implementation.

BMPs	Description of Actions(s) Required for Implementation	Scheduled Completion Date(s) for Req'd. Action	Person Responsible for Action	Notes
Spill Prevention and Response	1. Develop employee training program.	Completed	Craig Bressan/Consultant	
	2. Conduct annual training.	Annually		
	3. Maintain equipment and materials for containing and cleaning up spills and leaks.	Continuous		
Management of Runoff	1. Minimize the amount of solid buildup on concrete surfaces.	Continuous	Tom Baker	
	3. Remove sediments deposited after storm events around stormwater outfalls.	Continuous		
Employee Training Program	1. Train employees	Completed, annually, or as needed	Craig Bressan/Consultant	

Update the Stormwater Pollution Prevention Plan as necessary based on the results of the annual compliance evaluation and keep this report on file with the SWPPP. Revisions to the SWPPP should be made within two weeks of the inspection, and any new or modified control measures should be implemented within twelve weeks.

Appendix J
Monitoring and Implementation Plan

Appendix J- Monitoring and Implementation Plan

1.0 Identification of Team Members

The following team members from the Thermal Energy Development Partnership, LP Facility are directly involved in the development of this Monitoring and Inspection Plan and will be assigned the duties of collecting stormwater samples, recording sampling event visual observations per **Appendix K**, monthly visual observations per **Appendix L**, and evaluating the Facility for NSWDs per **Appendix F**:

- Craig Bressan – Corporate Manager EH&S
- Tom Baker – Maintenance Manager

2.0 Sample Collection and Handling Instructions

The following information has been written in accordance with **Appendix H** of the National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges Associated with Industrial Activities (General Permit).

Stormwater samples will be collected from discharge locations if a major storm event were to occur and if there is potential for discharge off-Site.

Bottles will be requested from the analytical testing laboratory prior to the rain event complete with labels, sample preservation instructions and chain of custody to analyze for:

- pH, total suspended solids (TSS), and oil and grease (O&G) and samples must be analyzed by an accredited laboratory.
- Other toxic chemicals or pollutants that are likely to be present in stormwater discharges in significant quantities and other parameters listed in Attachment A of the General Permit. Based on the Site SIC code 4911, Thermal Energy Development Partnership, LP will also be required to sample for (per Attachment A):
    - Iron (Fe)

The analytical laboratory will provide a cooler that will be used to transport the samples by the Facility along with the Chain of Custody, see Attachment 1; the laboratory must receive samples within 48 hours of collection. The Facility does not have any designated Qualified Combined Samples and thus laboratory samples will not be combined in the field.

To ensure the integrity of collecting grab stormwater samples the following procedures and guidelines must be implemented:

- Samples must be collected and stored in lab provided containers; use of any other type of containers could contaminate the samples.
- To prevent sample contamination, do not touch, or put anything within the sample container prior to the collection of the stormwater sample.
- When collecting a stormwater sample do not overfill the container.
- Following the collection of the sample, tightly screw the cap of each sample without stripping the threads of the cap.
- Complete and attach a label to each sample container indicating the following:
  - date and time of collection
  - person collecting the sample
  - sample collection location or discharge point
  - identify any sample container that has been preserved
- Samples should be carefully packed into an ice chest to prevent breakage and to maintain temperature during shipment. Samples must be kept as close to 4° C (39° F) as possible until arriving at the lab. Do not freeze samples.
- A Chain of Custody must be completed for each set of samples, see Attachment 1. The Chain of Custody must include the following:
  - Company name
  - Address and phone number
  - Identification of each sample container
  - Sample collection point
  - Person collecting the sample
  - The date and time each sample container was filled
  - Analysis required for each sample container
- When delivering/shipping the sample containers signatures of the persons relinquishing and receiving the sample containers must be obtained. The signature will be on the Chain of Custody.
- A person designated and trained shall collect, maintain, and ship samples in accordance with the above sample protocols and good laboratory practices.

2.1 Field Instrument Calibration

The following manufacturer's calibration procedures are for the Eutech Instruments Waterproof pH tester 30 and should be completed on a weekly basis.

1. Ensure that the pH electrode is immersed in tap water for 30 minutes prior to use, (do not use de-ionized water).
2. Press on/off button to turn the unit on.
3. Dip electrode about 2-3 cm into the pH standard buffer solution.
4. Press the CAL button to enter the calibration mode. The 'CAL' indicator will be shown with the upper display showing the measured reading based on the last calibration while the lower display will indicate the pH standard buffer solution.
5. Allow 2 minutes for the reading to stabilize.
6. Press Hold button to confirm the first calibration point – which will be the upper display.
7. Document in field notes the date, time, and calibration point.
8. Repeat with other buffers if necessary but rinse electrode with tap water before dipping in next buffer.

If the pH tester is not available then pH paper can be used in its place. When either method is used the date, time, and location of the sample will be documented in the field notes to be included in the annual report.

Note that this pH meter has a built in temperature sensor that compensates for the changes in electrode sensitivity to give the actual pH reading of the sample measured.

3.0 Visual Observations

Visual observations of each discharge location for authorized stormwater discharges as well as unauthorized non stormwater discharges will be completed at least once per calendar month and documented on the form located in **Appendix L**. This form includes any necessary changes to the existing BMPs or any new BMPs that need to be changed along with their date of implementation. These monthly visual observations will be completed during daylight hours and on days without precipitation, see section 8.7.2 of the SWPPP for complete visual observation instructions. In the event that a discharge location is not observed during a specific month or during a stormwater event then the reasons will be documented in the annual report. All forms for visual inspections are included in **Appendices K** and **L**.

Appendix K
Sampling Event Visual Observations

APPENDIX K
SAMPLING EVENT VISUAL OBSERVATION

Date:_____

Time:_____

Inspector:_____

Weather Conditions:_____

Instructions: Samples must be collected at each discharge location for each Qualifying Storm Event. Document all observations made at each discharge location.

Item	Observation/Notes	Corrective Action Needed	Date Completed
Sample Location: _____			
Floating and Suspended Materials			
Oil and Grease			
Discolorations or Sheen			
Turbidity			
Odors			
Trash/Debris			
Any Source(s) of discharged pollutants			

If sampling event visual observation was not completed, provide explanation to be included in upcoming Annual Report:

Appendix L
Monthly Visual Observations

APPENDIX L
MONTHLY VISUAL SITE INSPECTION

Date:_____

Time:_____

Inspector:_____

Weather Conditions:_____

Purpose: To determine if best management practices as outlined in the facility SWPPP are adequate in preventing stormwater pollution.

Item	Observation	Corrective Action Needed	Date Completed
Sample Location: _____			
Housekeeping	Exterior of building free of inappropriate storage (yes or no) ____ Housekeeping measures adequate (yes or no) ____ Evidence of oil or fluid leakage (yes or no) ____		
Loading and Unloading Area	Housekeeping measures adequate (yes or no) ____ Evidence of oil or fluid leakage (yes or no) ____ Evidence of fluid leakage in material transfer areas (yes or no) ____		
Storage Areas and Associated BMPs	Housekeeping measures adequate (yes or no) ____ Evidence of oil or fluid leakage from forklifts or storage areas (yes or no) ____ Are lids closed on storage containers (yes or no) ____		
Stormwater Drainage	Storm sewers clear of debris and sediments (yes or no) ____ Evidence of improper discharge (staining, odor, etc.) (yes or no) ____		
Spill Response Equipment	Emergency spill kits in all required locations (inside facility, etc.) (yes or no) ____ Kits are stocked with equipment including absorbent and booms (yes or no) ____		
NSWDs	Presence of any un-authorized NSWDs in drainage area (yes or no) ____ Are BMPs present to prevent un-authorized NSWDs (yes or no) ____		
Sampling Point	Is sampling location kept clean and well maintained? (yes or no) ____		

If monthly observation was not completed, provide explanation to be included in upcoming Annual Report:

Appendix M
Annual Comprehensive Site Compliance Evaluation

Appendix M FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: ___/___/___ **INSPECTOR NAME:** _____ **TITLE:** _____ **SIGNATURE:** _____

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐ YES ☐ NO	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
	ARE ADDITIONAL/REVISED BMPs NECESSARY? ☐ YES ☐ NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐ YES ☐ NO	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
	ARE ADDITIONAL/REVISED BMPs NECESSARY? ☐ YES ☐ NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐ YES ☐ NO	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
	ARE ADDITIONAL/REVISED BMPs NECESSARY? ☐ YES ☐ NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐ YES ☐ NO	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
	ARE ADDITIONAL/REVISED BMPs NECESSARY? ☐ YES ☐ NO			

Appendix M FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: ___/___/___ **INSPECTOR NAME:** _____ **TITLE:** _____ **SIGNATURE:** _____

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐YES ☐NO **ARE ADDITIONAL/REVISED BMPs NECESSARY?** ☐YES ☐NO	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐YES ☐NO **ARE ADDITIONAL/REVISED BMPs NECESSARY?** ☐YES ☐NO	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐YES ☐NO **ARE ADDITIONAL/REVISED BMPs NECESSARY?** ☐YES ☐NO	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐YES ☐NO **ARE ADDITIONAL/REVISED BMPs NECESSARY?** ☐YES ☐NO	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**

Appendix N
Annual Report

Appendix O

Annual Report Form Instructions for Stormwater - SMARTS

Filling out Annual Reports

Objectives

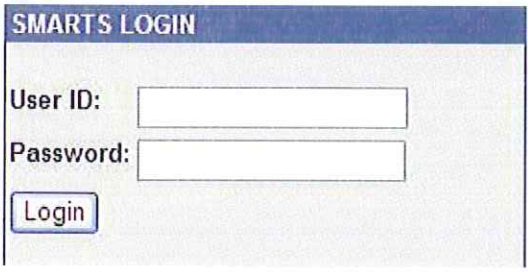
- Assist in the login, preparation, and submittal of Annual Reports.

Prerequisites

- Submit the registration packet. The registration authorization packet and instructions can be found at: https://smarts.waterboards.ca.gov/
- Each user will be assigned a login and password to gain access to the SMARTS.
- SMARTS supports Internet Explorer only.

Logging into SMARTS

1. Open a web browser and visit https://smarts.waterboards.ca.gov/
2. The login prompt will appear. Enter the user ID and Password provided in the confirmation e-mail from smarts@waterboards.ca.gov.



By default a user ID is the first letter of the first name and full last name (e.g. registered user John Smith, user ID - jsmith). The user ID and password are case and space sensitive.

Initiating Report

1. After logging in, click on the menu link titled "Annual Report".

2. In the SMARTS Facility/Site Search screen, all previously registered facilities will appear as hyperlinks in the middle of the screen. To begin entering annual report data, click the correct facility link. If previously registered facilities are not visible, please contact the Storm Water Help Desk at stormwater@waterboards.ca.gov or 1-866-563-3107.

Storm Water Annual Report Monitoring (SWARM) Facility Search

Facility Name:
WDID:
Physical Address:
City: Zip: County:
Region:
Reporting Period: 2005 - 2006
Report Status: Submitted
Search

SWARM Help

Facility Name	WDID	Physical Address	Most Recent Reporting Period	Report Status
MERRILL QUARRY	6A020017200	null WOLF CREEK RD MARKLEEVILLE, CA	07/01/2005 - 06/30/2006	In-Progress

3. The current reporting period will be selected by default. Click the "Continue" button.

Gen Info | Sampling | Mon Locs | EDF | Raw Data | Data Sum

Choose Reporting Period: 2008 - 2009 Continue

4. Verify the information on the "General Info" Tab. In order to change the information on this screen, please fax a copy of the cover sheet with the corrections noted on it to 916-341-5543.

5. Click the "Sampling" Tab.

General Info | Sampling | Mon Locs | CDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

D. Sampling and Analysis Exemptions E. Sampling and Analysis Details

Save

D1. For the reporting period, was your facility exempt from collecting and analyzing samples from two storm events in accordance with sections B.12 or 15 of the General Permit?: --Select--

D2. Indicate the reason your facility is exempt from collecting and analyzing samples from two storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.:

i. Participating in an Approved Group Monitoring Plan --Select--
Group Name:
If the affiliated Group Name is not displayed, please Fax a copy of the cover sheet with Group Name corrected on it - click here to produce a pdf of the cover sheet of your annual report - with the corrections noted on it to 916-341-5543.

ii. Submitted No Exposure Certification (NEC) --Select--
Date Submitted: (mm/dd/yyyy)
Re-evaluation Date: (mm/dd/yyyy)
Does facility continue to satisfy NEC conditions?: --Select--
Attach Documentation No electronic document?

iii. Submitted Sampling Analysis Reduction Certification (SARC) --Select--
Date Submitted: (mm/dd/yyyy)
Re-evaluation Date: (mm/dd/yyyy)
Does facility continue to satisfy SARC conditions?: --Select--
Attach Documentation No electronic document?

iv. Received Regional Board Certification --Select--
Certification Date: (mm/dd/yyyy)
Attach Documentation No electronic document?

v. Received Local Agency Certification --Select--
Certification Date: (mm/dd/yyyy)
Attach Documentation No electronic document?

3. If you checked boxes i or iii in the last section, were you scheduled to sample one storm event during the reporting year?: --Select--

Save

6. Enter the appropriate data for Section D and click "save". Enter the appropriate data for Section E and click "save".

General Info | Sampling | Mon Locs | CDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

D. Sampling and Analysis Exemptions

E. Sampling and Analysis Details

Save

1. How many storm events did you sample?:

If less than 2, enter explanation:

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? --Select--

If no, enter explanation:

3. How many storm water discharge locations are at your facility?

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? --Select-- If 'Yes', proceed to E.6

5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? --Select--

If no, enter explanation:

If yes, Attach Documentation No electronic document?

Date facility's drainage areas were last evaluated:

6. Were all samples collected during the first hour of discharge? --Select--

If no, enter explanation:

7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? --Select--

If no, enter explanation:

8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) --Select-- If 'No', proceed to E.10.

9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or D.2.iii above) --Select--

If no, enter explanation:

10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.

a. Does Table D contain any additional parameters related to your facility's SIC code(s)? --Select--

Note: If 'No', proceed to the Monitoring Locations Tab

b. Did you analyze all storm water samples for the applicable parameters listed in Table D? --Select--

c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons and explain:

Reason:

- ○ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events.
- ○ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation.
- ○ Other.

Explanation:

Save

7. Click the "Mon Locs" Tab. Click the "Create a New Monitoring Location" button if the appropriate monitoring location hasn't already been created.

General Info | Sampling | Mon Locs | CDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

Create a New Monitoring Location

Facility	Type	ID	Name	Description	Latitude	Longitude	Associated Discharge Points	

8. Enter information on this screen as follows:

General Info | Sampling | Mon Locs | CDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

Add Monitoring Location

Save | Cancel

Facility*:

Identifier*:

Type*:

Waterbody:

Name*:

Description:

Latitude: deg min sec OR decimal degrees

Longitude: deg min sec OR decimal degrees

Scale:

Source/Method:

Accuracy:

Datum:

* - Indicates required.

- Click the "Facility" drop-down list and select the facility.
- For the "Identifier" and "Name" fields, choose a monitoring location name and enter it in each field. Naming suggestions as follows: "Mon-1" for the first monitoring location, "Mon-2" for the second monitoring location, etc.
- Click the "Type" drop-down list and select "Effluent Monitoring".
- Although the "Description" field is not required, it is recommended that a description of the monitoring location be entered (e.g. NW outfall near employee parking lot).
- Click "Save" and repeat these steps to add all monitoring locations.

NOTE: A red asterisk "*" identifies all required fields.

9. Click the "Raw Data" Tab.

General Info | Sampling | Mon Locs | CDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

This screen displays the list of Sampling Events that are currently entered in the system. Click on an Event ID to view/edit/delete de

Create New Event

Sampling Event ID	Monitoring Location	Event Date an

Create New Event

- Click the "Create New Event" button to create a new record.

General Info | Sampling | Mon Locs | CDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

The following are Sampling Event Details along with Entered measurment (lab results).

Save & Stay | Save & Add New Event | Save & Back To List

Monitoring Location:* Sampling Event Date/Time:* (MM/DD/YYYY hh24:mm:ss) Rainfall Amount: Inches

Time Discharge Started:* (hh24:mm:ss) Enter mid-night time as 23:59:59 Name of Person Collecting Samples:* Title:*

Parameter	MD Entry Result Qualifer	Result	Unit conversions Units	Analytical Method	Method Detection Limit	Analyzed By
pH	=		SU	SW9041A		Lab
Total Suspended Solids (TSS)	=		mg/L	E160.2		Lab
Electrical Conductivity @ 25 Deg C	=		umhos/cm	E120.1		Lab
Oil and Grease	=		mg/L	E413.2		Lab
Select Parameter	=					Lab

Save & Stay | Save & Add New Event | Save & Back To List

NOTE: The basic parameters and parameters specific to the facility's SIC Code (s) will populate the table.

- Click the "Monitoring Location" drop-down to choose the monitoring location for this sample.

- Enter the date and time of the sampling event. The date and time must be in the following format: MM/DD/YYYY HH:MM:SS. There must be a space in between the date and time, and the time must be in 24-hour format (e.g. to enter March 1, 2006 at 3pm, enter 03/01/2006 15:00:00).

- Enter the time the discharger began in the "Time Discharger Started" field. The time must be in 24-hour format.

- Enter the name of the person who collected the samples as well as that person's title in the appropriate fields.

10. Enter the results for all the parameters listed.

- If a parameter is displayed and is not required, enter zero for that parameter result. Directions on how to delete this record are described below.

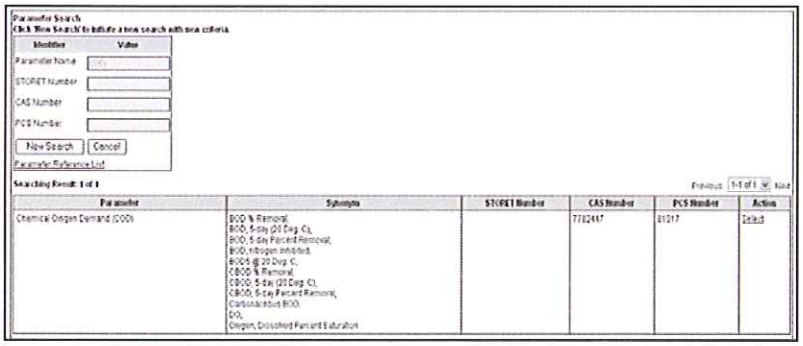
- If a sample result is marked as ND (non-detect), the user must locate the MDL (Method Detection Limit) on the laboratory report, change the Result Qualifer to "<", enter the MDL value, and then again in the MDL column. Also, if the sample result is marked as "TRACE" amounts detected, change the Result Qualifer to "<", enter the most restrictive value (either PQL or MDL), and then again in the MDL column.

- If the sample result units do not match the units listed in SMARTS, convert the result units by using the "Unit Conversions" table. Click the "Unit Conversions" hyperlink to view this table.

Delete a Parameter:

- If substitution of a parameter is allowed, enter zero for each "to-be-deleted" parameter result. Click "Save & Stay". A hyperlink will appear

next to each parameter record ("delete"). Click the hyperlink to delete any parameters that are either not required or will be substituted. Click the "Select Parameter" button and enter the additional/substituted parameter on the parameter search screen. Click "Search". When a parameter appears, click the "Select" hyperlink under the "Action" column.



NOTE: Click the "Save & Stay" button any time a new screen will appear (e.g. "Select Parameter" screen).

- Enter the value for this parameter.

11. Click "Save & Stay". Repeat steps as needed.

NOTE: The following are instructions on each "Save" button:
- "Save & Stay": Saves any changes that have been made on the screen and will remain on the screen.
- "Save & Add New Event": Saves any changes that have been made on the screen and clear the data fields for a new event record. This is to be used when multiple monitoring locations and/or events need to be entered.
- "Save & Back to List": Saves any changes that have been made on the screen and takes the user back to the "Create New Event" screen.

12. Click the "Data Summary" Tab to review data. Return to the "Raw Data" Tab if edits are necessary.

13. Click the "Quarterly" Tab. The system will flow through the section. Click "Save" after each question is answered.

General Info | Sampling | Mon Locs | CDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

F.1 Authorized NSWD Quarterly Visual Observations — F.2 Unauthorized NSWDs Quarterly Visual Observations

Form 2.A Authorized NSWDs Occurrences — Form 3.A Unauthorized NSWDs Occurrences

Form 2.B Authorized NSWDs Details — Form 3.B Unauthorized NSWDs Details

Save

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility? --Select-- If "No", proceed to F.2.

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. Enter an explanation for any "NO" answers. Indicate "N/A" for quarters without any authorized non-storm water discharges.

July - Sept: --Select-- Explanation if "No":

Oct - Dec: --Select-- Explanation if "No":

Jan - Mar: --Select-- Explanation if "No":

Apr - Jun: --Select-- Explanation if "No":

Save

14. Click the "Monthly" Tab. The system will flow through the section. Click "Save" after each question is answered.

General Info | Sampling | Mon Locs | CDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

G. Monthly Wet Season Visual Observations (WSVO) — Form 4.B Storm Water Discharge Visual Observations Details

Form 4.A Storm Water Discharge Visual Observations

Save

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. Attach an explanation for any "NO" answers. Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

October: --Select-- Explanation if "No":

November: --Select-- Explanation if "No":

December: --Select-- Explanation if "No":

January: --Select-- Explanation if "No":

February: --Select-- Explanation if "No":

March: --Select-- Explanation if "No":

April: --Select-- Explanation if "No":

May: --Select-- Explanation if "No":

Save

15. Click the "Evaluation" Tab and enter the appropriate information.

General Info | Sampling | Mon Locs | CDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

H. Annual Comprehensive Site Compliance Evaluation (ACSCE) Checklist J. ACSCE Certification

I. ACSCE Evaluation Report - Form 5

Save

1. Inspected Pollutant Sources and Industrial Areas

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1- June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. This checklist includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. Enter an explanation for any "NO" answers.

Have you inspected all potential pollutant sources and industrial activities areas? --Select--

If you answered "No", enter an explanation:

The following areas should be inspected:

- areas where spills and leaks have occured during the last year
- outdoor wash and rinse areas
- process manufacturing areas
- loading, unloading, and transfer areas
- waste storage/disposal areas
- dust/particulate generating areas
- erosion areas
- building repair, remodeling, and construction
- material storage areas
- vehicle/equipment storage areas
- truck parking and access areas
- rooftop equipment areas
- vehicle fueling/maintenance areas
- non-storm water discharge generating areas

2. Reviewed SWPPP BMPs

Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? --Select--

If you answered "No", enter an explanation:

3. Verified SWPPP Site Map is Up-to-Date

Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? --Select--

If you answered "No", enter an explanation:

The following site map items should be verified:

- facility boundaries
- outline of all storm water drainage areas
- areas impacted by run-on
- storm water discharges locations
- storm water collection and conveyance system
- structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Reviewed All General Permit Compliance Records

Have you reviewed all General Permit compliance records generated since the last annual evaluation? --Select--

If you answered "No", enter an explanation:

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

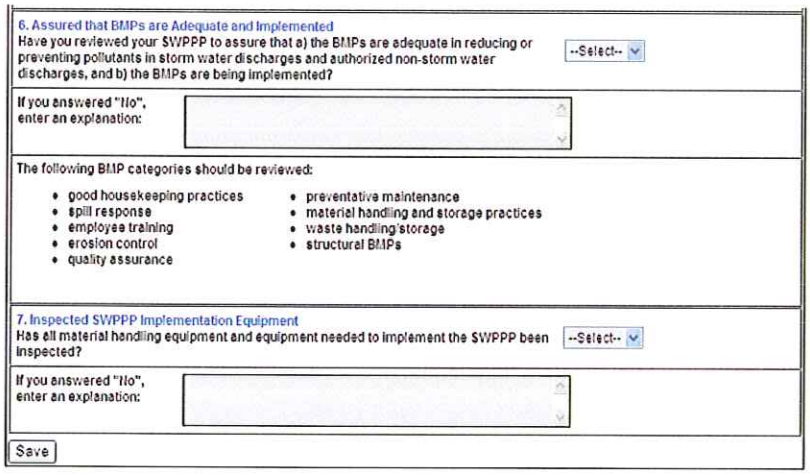
5. Reviewed Major Elements of SWPPP

Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? --Select--

If you answered "No", enter an explanation:

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

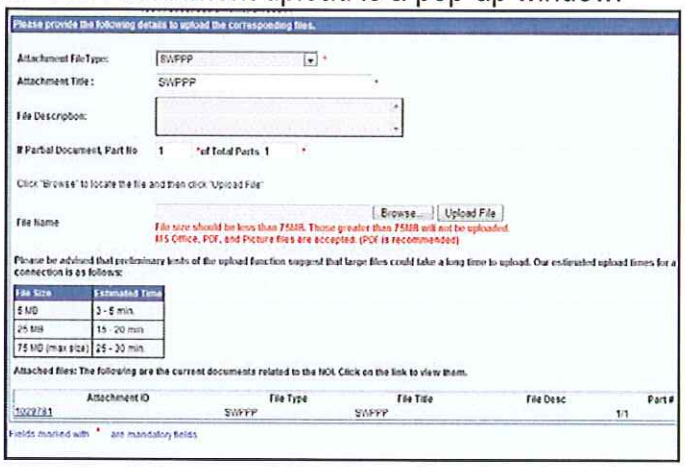

6. Assured that BMPs are Adequate and Implemented
Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? --Select--
If you answered "No", enter an explanation:
The following BMP categories should be reviewed:
- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Inspected SWPPP Implementation Equipment
Has all material handling equipment and equipment needed to implement the SWPPP been inspected? --Select--
If you answered "No", enter an explanation:
Save

16. Click the "Attachments" Tab. Scanned or electronic documents required for the SMARTS report are attached using this tab. A scanned or electronic version of the analytical results received from the lab <u>must</u> be attached to the annual report.

- Create a file(s) to attach and store it on a computer.
- Click the "Attachment" button to upload the document.

NOTE: Make sure your pop-up blockers in Internet Explorer are turned off. The Attachment upload is a pop-up window.


Please provide the following details to upload the corresponding files.
Attachment File Type: SWPPP *
Attachment Title: SWPPP *
File Description:
If Partial Document, Part No 1 *of Total Parts 1 *
Click "Browse" to locate the file and then click "Upload File"
File Name Browse... Upload File
File size should be less than 75MB. Those greater than 75MB will not be uploaded.
MS Office, PDF, and Picture files are accepted. (PDF is recommended)
Please be advised that preliminary tests of the upload function suggest that large files could take a long time to upload. Our estimated upload times for a connection is as follows:

File Size	Estimated Time
5 MB	3 - 5 min
25 MB	15 - 20 min
75 MB (max size)	25 - 30 min

Attached files: The following are the current documents related to the NOI. Click on the link to view them.

Attachment ID	File Type	File Title	File Desc	Part #
1022781	SWPPP	SWPPP		1/1

Fields marked with * are mandatory fields

- Select the Attachment File Type from the drop down.
- Enter the name of the file in the Attachment Title.
- In the "File Description" field, describe the file to be attached and click the "Upload File" button (optional field).
- Uploaded files have a maximum size of 75 megabytes. Documents larger than 75MB must be separated into separate files. Use the Partial Document fields to indicate the smaller files.
- Click the "Browse" button to find and open the file to be linked.

17. Click the "Certify" Tab. Click the "Perform Completion Check" button to check the annual report for errors.

- Any errors in the report that are recognized by the program will be displayed. The report will not be able to be submitted until all errors are corrected.

General Info | Sampling | Mon Locs | EDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

Complete Error Check Results
Not enough storm events sampled for monitoring location MON-1
The Q# E.2 has to be answered, but not answered.
The Q# E.4 has to be answered, but not answered.
The Q# E.6 has to be answered, but not answered.
The Q# E.7 has to be answered, but not answered.
The Q# E.8 has to be answered, but not answered.

You are required to sign and certify your Annual Report in accordance with Standard provisions 9 and 10 of Section C of the General Permit, and you are also required to retain a copy on site for a period of at least five years in accordance with paragraph 13 of Section B. Please take a moment now to print and sign your annual report using the link below:

Review and Print Annual Report

You can now certify this Annual Report by completing the form below:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	☐
I have reviewed, printed, and signed my application using the link above.	☐

Certifier Name:

Certifier Title:

Date:

Certify Annual Report | The report is not complete and the details are shown above. Please complete the report and certify.

- Once all errors are corrected, click the "Review and Print Annual Report" hyperlink. A facility is required to maintain all records, including annual reports, on site for five years. Fill out the blank certification fields and press the "Certify Annual Report" button.

NOTE: The "Certify Annual Report" button will be grey-out if a Data Entry Pesron is logged into the system, meaning the Data Entry Person is not authorized to certify the annual report. The Legally Responsible Person is the only individual authorized to certify an annual report.

NOTE: Once a report is certified and submitted, the information cannot be updated/changed by the discharger <u>or</u> Regional Board staff.

General Info | Sampling | Mon Locs | CDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

All required sections of your Annual Report appear to be complete.

You are required to sign and certify your Annual Report in accordance with Standard provisions 9 and 10 of Section C of the General Permit, and you are also required to retain a copy on site for a period of at least five years in accordance with paragraph 13 of Section B. Please take a moment now to print and sign your annual report using the link below:

Review and Print Annual Report

You can now certify this Annual Report by completing the form below:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate and complete. I am aware that threre are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	☐
I have reviewed, printed, and signed my application using the link above.	☐

Certifier Name:

Certifier Title:

Date:

Certify Annual Report

- A confirmation screen will verify that the annual report was successfully submitted. Print out the screen as proof of electronic transmission and certification and include it with the printed annual report hard copy.

General Info | Sampling | Mon Locs | EDF | Raw Data | Data Summary | Quarterly... | Monthly... | Evaluation | Attachments | Certify

Your electronic Annual Report has been succesfully received by the State Water Resources Control Board's database and is hereby certified. Your confirmation information for this certification is as follows:

WDID	5S34I004157
Reporting Period	2005 - 2006
Certifier Name	John Glostor
Certifier Title	Manager
Date Certified:	06/19/2006
Certification ID:	169260

Please print out this screen as proof of certification. You will not be allowed to make any further changes to the certified report. If you need to correct any information you must contact your Regional Board representative.

All records must be retained for 5 years from the date of the report or monitoring activity.

Print Annual Report

NOTE: Once an annual report is certified and submitted, the option to print an additional copy of the submitted annual report is available by login back into SMARTS, selecting the facility, clicking the "Certify" tab, and then clicking the "Print Annual Report" hyperlink. This option is to be used only if there were problems with the facility's printer, or internet connection was severed, etc. Keep in mind that the facility's Legally Responsible Person was required to review, print, and sign the printed hard copy of the annual report.

NOTE: Failure to submit the requested information may result in enforcement action, including civil monetary penalties of up to $10,000.00 for each day of violation.

Appendix P
SWPPP Revision Log

APPENDIX P
REVISIONS TO STORMWATER POLLUTION PREVENTION PLAN

The SWPPP must be revised whenever: 1) there is a change in design, construction, operation, or maintenance that may impact the potential for pollutants to be discharged or if the SWPPP proves to be ineffective in controlling the discharge of pollutants; or 2) it is determined that the SWPPP is ineffective in eliminating or significantly minimizing pollutants from sources, or otherwise not achieving the general objectives of controlling the discharge of pollutants from the facility.

Revisions to the SWPPP are noted below:

Date	Page No.	Section No.	Revision	Revisions Made By:	
				Name	Signature

www.ghd.com

NO VIDEO
CAM 1
CONNECTION LOST
CONNECTION LOST
209 879 6928

DANGER
AMMONIA
CAUTION
AQUEOUS
AMMONIA

SODIUM
BICARBONATE

DEMINERALIZED
WATER
DEMINERALIZED
WATER

DEMINERALIZED
WATER
DEMINERALIZED
WATER
GRADAI
SODIUM
BICARBONATE

TOPOGRAPHIC SURVEY

Tracy Biomass Plant - 14800 W Schulte RD, Tracy

COUNTY of SAN JOAQUIN, STATE of CALIFORNIA
SURVEYED 5/21/2015
SHEET 1 OF 1

PREPARED BY

GHD
4080 PLAZA GOLDORADO CIRCLE
SUITE B, CAMERON PARK, CA 95682
530.677.5515

60 0 30 60 120

1 inch = 60 ft.

NOTES

1. BACKGROUND IMAGERY OBTAINED VIA GOOGLE EARTH. IMAGE DATE: 6-09-2014.

2. UNDERGROUND UTILITY ROUTING IS BASED UPON PIPE DIRECTIONS OBSERVED AT STORM DRAIN FEATURES OBSERVABLE FROM THE SURFACE. ACTUAL UNDERGROUND PIPING LOCATIONS MAY BE DIFFERENT THAN SHOWN, AND SHOULD BE PHYSICALLY VERIFIED PRIOR TO ANY EXCAVATIONS. NO UNDERGROUND UTILITY SURVEYS WERE COMPLETED AS A PART OF THIS WORK.

3. THE SCOPE OF THIS SURVEY IS LIMITED TO SHOWING GENERAL DRAINAGE PATTERNS AND THE STORM WATER DRAINAGE SYSTEM FOR THE SITE. OTHER UTILITIES, STRUCTURES AND IMPROVEMENTS MAY EXIST THAT ARE NOT SHOWN AND ARE NOT A PART OF THIS SURVEY.

BENCHMARK

THE MERIDIAN OF THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM OF 1983, ZONE 3. AS DETERMINED BY GPS OBSERVATION TO THE FOLLOWING NGS POINT.

PID HS0455 "F 192 RESET" N: 2,095,324.40' E: 6,282,760.96' 2011.00 EPOCH

NAVD 88 ELEVATION: 37.80'

LICENSED LAND SURVEYOR
ALAN CARLTON
NO. 5093
Exp. 6/30/2015
STATE OF CALIFORNIA

ALAN CARLTON, P.L.S. 5093

05/22/2015
DATE

ABBREVIATIONS

AC	ASPHALTIC CONCRETE
CB	CATCH BASIN
CL	CENTERLINE
CO	CLEAN OUT
CONC	CONCRETE
DI	DRAIN INLET
EL	ELEVATION
FH	FIRE HYDRANT
FL	FLOWLINE
GR	GRAVEL
GS	GROUND SHOT
INV	INVERT
MH	MANHOLE
R/W	RIGHT OF WAY
SBL	SET BACK LINE
SD	STORM DRAIN
SS	SANITARY SEWER
TC	TOP OF CURB
TN	TOP OF NUT
W	WATER
WM	WATER METER
RCB	REINFORCED CONCRETE BOX

LEGEND

	FENCE LINE
	WATER METER
	FIRE HYDRANT
	WATER VALVE BOX
6 W	WATER LINE W/SIZE
	DRAINAGE INLET
24" S.D.	DRAIN LINE W/SIZE AND FLOW DIRECTION
	DRAIN MANHOLE
	JOINT POLE OR POWER POLE
4" S.S.	SEWER LINE W/SIZE AND FLOW DIRECTION
	SEWER MANHOLE
	SIGN
	VAULT
	EDGE OF BUILDING
	EDGE OF GRAVEL
	EDGE OF PAVEMENT
	TOP BACK OF CURB

Wells

ATTN: MARTY

PERMIT YES ✓ NO___
WARRANTY YES___ NO ✓

Well Pump #7

WELL REPORT

DATE: 12-10-96

NAME: Tracy Operators WORK ORDER # 18218

ADDRESS: P.O. Box 1211 JOB NAME: 14800 W. [redacted]

CITY: Tracy Ca. JOB ADDRESS: Tracy Ca.

TELEPHONE: 835-6914

HORSEPOWER: 30 VOLTS: 460 PHASE: 3Ø

WATER TABLE: 170' TYPE OF PUMP: Sub.

WELL DEPTH: 350'

CASING TYPE: STEEL SIZE: 12"

PUMP MODEL: 275H30-7 CODE OR SERIAL NUMBER: 416

MOTOR MODEL: 23606169020 MOTOR CODE: 3F96

~~PUMP I.D. NUMBER:~~ Motor I.D. Number: 19 0017 MAKE OF PUMP: Gould

DROP PIPE- TYPE: Black Steel SIZE: 4" FEET: 252' SCHEDULE:

SANITARY SEAL: MANUFACTURER'S yes HOMEMADE

CABLE- TYPE: Jacketed SIZE: 8-4 FEET: 260'

TANK- TYPE: Large Storage SIZE: ? GALLON: ?

JET NUMBER: N/A.

CONTROL BOX MANUFACTURER: N/A.

NEW INSTALLATION_____ REPLACEMENT ✓ WARRANTY REPLACEMENT_____

COMMENTS: Motor replacement only

SUBMITTED BY: Douglas Campbell

DATE OF INSTALLATION: 12-10-96

DON'T FORGET MAP !!!

B:\5001.FRM

ATTN: MARTY

FREITAS ELECTRIC, INC.

PHONE: 209/835-2814 WELL PUMP SALES AND SERVICE - ELECTRICAL WIRING
P.O. BOX 14 SANTA, CALIFORNIA 95104

Well #2

WELL REPORT:

NAME: TRACY OPERATORS WORK ORDER# 24642

ADDRESS: 14800 W-Schulte JOB LOCATION Same

CITY: TRACY

TELEPHONE: 5-6914

H.P. 30 Volts 440 Phase 3

WATER TABLE 176 TYPE OF PUMP Sub

WELL DEPTH 342

CASING TYPE Steel SIZE 13 CONDITION Good

PUMP MODEL 275H30-7 CODE OR SER. NUMBER 379

MOTOR MODEL 2366166020 MOTOR CODE 220076

PUMP I.D. NUMBER _____ MAKE OF PUMP Goulds

DROP PIPE TYPE gal SIZE 4 FEET 252
Sch

SANITARY SEAL TYPE Steel SIZE 12 x 4 HOME MADE

CABLE SIZE 6-3 FEET 254

TANK TYPE _____ SIZE _____ GALLON _____

JET# _____

NEW INSTALLATION _____

REPLACEMENT Line Turbine w/ sub pump

COMMENTS

SUBMITTED BY Doug Kinslow

DATE INSTALLED 9-4-91

"DON'T FORGET MAP!"

FREITAS ELECTRIC, INC.
Well Pump Sales and Service * Electrical Wiring
PO Box 16, Banta, CA 95304
PHONE (209) 835-2814
FAX (209) 835-6535

WELL PUMP INSPECTION AND PUMP TEST

DATE: MAY 6, 1996 JOB #: 17147

TYPE OF PUMP: SUBMERSIBLE

MAKE OF PUMP: GOULD/GOULD HORSE POWER: 30 HP-EACH

CONDITION OF WELL: GOOD, APPEARANCE WISE

WELL CASING SIZE: 12-INCH @ PUMP #1 AND 13-INCH @ PUMP #2

GPM PUMPED @ 30 MINUTES, OR AS SPECIFIED: N/A

RECOVERY RATE: N/A

WATER TABLE: WELL#1-163 FT./#2-160 FT., DRAW DOWN:
(While Pump Was Running)

COMMENTS:

CUSTOMER: TRACY OPERATORS

LOCATION: 14800 SCHULTE RD.

TRACY

INSPECTED BY: RE LEWIS PUMP SERVICEMAN

SIGNATURE: RE Lewis

CONTRACTOR'S LICENSE #453962

APPLICATION FOR PERMIT

SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
P O BOX 2009, STOCKTON, CA 95201
(209) 468-3447

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED
(Complete in Triplicate)

Application is hereby made to San Joaquin County for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 and 1862 and the Rules and Regulations of San Joaquin County Public Health Services.

Job Address 14800 W. Schulte Rd City Tracy Lot Size/Acreage _____

Owner's Name Tracy Operators Address same Phone 835-6914

Contractor Freitas Elect Inc Address POB 416 Bruce 6 95304 License No. 453962 Phone 835-2514

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☐ Out of Service Well ☐
PUMP INSTALLATION ☑ SYSTEM REPAIR ☑ OTHER ☐ Monitoring Well ☐

DISTANCE TO NEAREST: SEPTIC TANK _____ SEWER LINES _____ DISPOSAL FLD. _____ PROP. LINE _____
FOUNDATION _____ AGRICULTURE WELL _____ OTHER WELL _____ PITS/SUMPS _____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS
☑ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation _____ Dia. of Well Casing _____
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing _____ Specifications _____
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal _____ Type of Grout _____
☐ Irrigation	Approx. Depth	☐ Eastern	Surface Seal Installed by Pulled old pump

Repair Work Done ☑ Type of Pump sub H.P. 30 State Work Done Installed pump
Well Destruction ☐ Well Diameter _____ Sealing Material & Depth _____ none
Depth _____ Filler Material & Depth _____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☐ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ___ Commercial ___ Other _____
Number of living units: _____ Number of bedrooms _____
Character of soil to a depth of 3 feet: _____ Water table depth _____
SEPTIC TANK ☐ Type/Mfg _____ Capacity _____ No. Compartments _____
PKG. TREATMENT PLT. ☐ Method of Disposal _____
Distance to nearest: Well _____ Foundation _____ Property Line _____

LEACHING LINE ☐ No. & Length of lines _____ Total length/size _____
FILTER BED ☐ Distance to nearest: Well _____ Foundation _____ Property Line _____

SEEPAGE PITS ☐ Depth _____ Size _____ Number _____
SUMPS ☐ Distance to nearest: Well _____ Foundation _____ Property Line _____
DISPOSAL PONDS ☐

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin county ordinances, state laws, and rules and regulations of the San Joaquin County
Home owner or licensed agent's signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in such manner as to become subject to workman's compensation laws of California." Contractor's hiring or sub-contracting signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall employ persons subject to workman's compensation laws of California."

The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: Pres Date: 9-9-91

FOR DEPARTMENT USE ONLY

Application Accepted by [signature] Date 9-16-91 Area 16

Pit or Grout Inspection by _____ Date _____ Final Inspection by [signature] Date 10/2/91

Additional Comments: _____

Applicant - Return all copies to: SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION PERMIT/SERVICES
445 N SAN JOAQUIN, P O BOX 2009, STOCKTON, CA 95201

FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK # CASH	RECEIVED BY	DATE	PERMIT NO.
PR	45.00	[signature]	[signature]	MR	9/16	91-2397

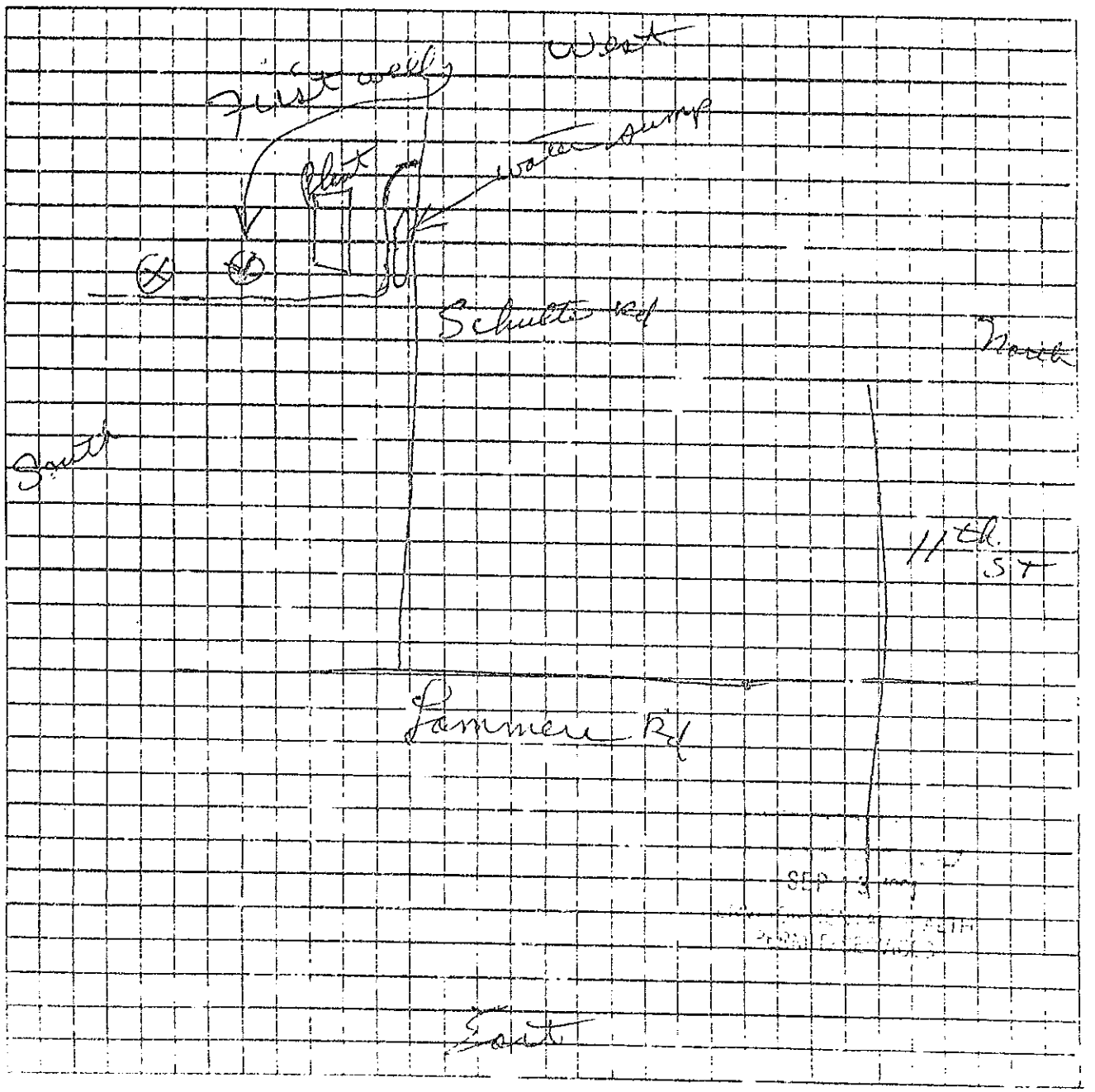
EH 13-24 (REV 1/86)
EH 4-23

14800 W Schulte Rd.

PLOT PLAN
(Draw To Scale)

SCALE ____" TO____

1. Names of streets or roads nearest to or bounding the property
2. Outline of the property, giving dimensions and North direction.
3. Dimensioned outlines and locations of all existing and proposed structures, including covered areas such as patios driveways and walks.
4. Location of house sewer outlet, public sewer, sewage disposal system or proposed sewage disposal system proposed expansion of sewage disposal system, or any other possible source of contamination.
5. Location of other wells within radius of 150 feet on the property or adjoining property.
6. Location of sewage disposal system on adjoining property or within a radius of 150 feet



APPLICATION FOR PERMIT

SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
445 N SAN JOAQUIN, PHONE (209)468-3420
P O BOX 2009, STOCKTON, CA 95201

PERMIT EXPIRES 1 YEAR FROM DATE ISSUED
(Complete in Triplicate)

Application is hereby made to San Joaquin County for a permit to construct and/or install the work herein described. This application is made in compliance with San Joaquin County Ordinance No. 549 and 1862 and the Rules and Regulations of San Joaquin County Public Health Services.

Job Address 14800 W. Schulte Rd City Tracy Lot Size/Acreage

Owner's Name Tracy Operators Address PO Box 1211 Tracy Ca 95378 Phone

Contractor Pulto Sprinkler Address PO Box 46 Banta Ca 95394 License No. 453962 Phone 835-2914

TYPE OF WELL/PUMP: NEW WELL ☐ WELL REPLACEMENT ☐ DESTRUCTION ☐ Out of Service Well ☐
PUMP INSTALLATION ☑ SYSTEM REPAIR ☑ OTHER ☐ Monitoring Well ☐

DISTANCE TO NEAREST: SEPTIC TANK ____ SEWER LINES ____ DISPOSAL FLD. ____ PROP. LINE ____
FOUNDATION ____ AGRICULTURE WELL ____ OTHER WELL ____ PITS/SUMPS ____

INTENDED USE	TYPE OF WELL	PROBLEM AREA	CONSTRUCTION SPECIFICATIONS	
☑ Industrial	☐ Open Bottom	☐ Manteca	Dia. of Well Excavation ____	Dia. of Well Casing ____
☐ Domestic/Private	☐ Gravel Pack	☐ Tracy	Type of Casing ____	Specifications ____
☐ Public	☐ Other	☐ Delta	Depth of Grout Seal ____	Type of Grout ____
☐ Irrigation	Approx. Depth	☐ Eastern	Surface Seal Installed by ____	

Repair Work Done ☑ Type of Pump Sub H.P. 30 State Work Done Replaced pump
Well Destruction ☐ Well Diameter ____ Sealing Material & Depth ____
Depth ____ Filler Material & Depth ____

TYPE OF SEPTIC WORK: NEW INSTALLATION ☐ REPAIR/ADDITION ☐ DESTRUCTION ☐ (No septic system permitted if public sewer is available within 200 feet.)

Installation will serve: Residence ____ Commercial ____ Other ____
Number of living units: ____ Number of bedrooms ____
Character of soil to a depth of 3 feet: ____ Water table depth ____
SEPTIC TANK ☐ Type/Mfg ____ Capacity ____ No. Compartments ____
PKG. TREATMENT PLT. ☐ Disposal ____
Distance to nearest: Well ____ Foundation ____ Property Line ____

PAYMENT RECEIVED JAN 27 1993 SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES ENVIRONMENTAL HEALTH DIVISION

LEACHING LINE ☐ No. & Length of lines ____ Total length ____
FILTER BED ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____

SEEPAGE PITS ☐ Depth ____ Size ____ Number ____
SUMPS ☐ Distance to nearest: Well ____ Foundation ____ Property Line ____
DISPOSAL PONDS ☐

14800 W. SCHULTE RD.

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin county ordinances, state laws, and rules and regulations of the San Joaquin County
Home owner or licensed agent's signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in such manner as to become subject to workman's compensation laws of California." Contractor's hiring or sub-contracting signature certifies the following: "I certify that in the performance of the work for which this permit is issued, I shall employ persons subject to workman's compensation laws of California."

The applicant must call for all required inspections. Complete drawing on reverse side.

Signed X [signature] Title: Pres Date: 1-26-93

FOR DEPARTMENT USE ONLY

Application Accepted by [signature] Date 1/29/93 Area 216

Pit or Grout Inspection by ____ Date ____ Final Inspection by [signature] Date 2/1/93

Additional Comments: ____

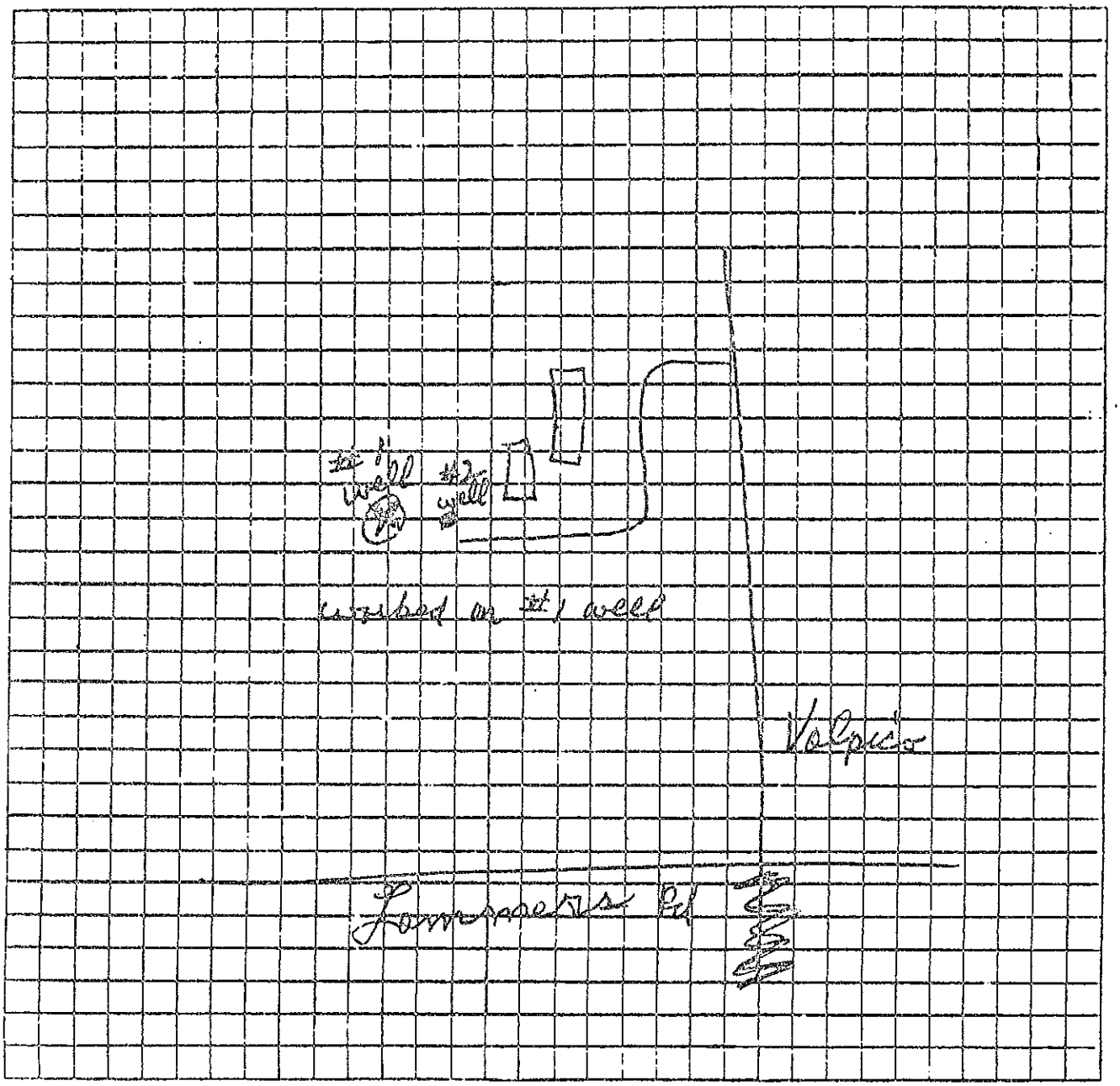
Applicant - Return all copies to: San Joaquin County Public Health Services
Environmental Health Permit/Services
445 N San Joaquin, P O Box 2009, Stkn, CA 95201

FEE INFO	AMOUNT DUE	AMOUNT REMITTED	CK # CASH	RECEIVED BY	DATE	PERMIT NO.
PR	$45.00	45.00	3375	GO	1/29/93	93-0132

PLOT PLAN
(Draw To Scale)

SCALE _____" TO_____

1. Names of streets or roads nearest to or bounding the property.
2. Outline of the property, giving dimensions and North direction.
3. Dimensioned outlines and locations of all existing and proposed structures, including covered areas such as patios driveways and walks.
4. Location of house sewer outlet, public sewer, sewage disposal system or proposed sewage disposal system proposed expansion of sewage disposal system, or any other possible source of contamination.
5. Location of other wells within radius of 150 feet on the property or adjoining property.
6. Location of sewage disposal system on adjoining property or within a radius of 150 feet



RECEIVED SEP 19 1994

BOARD OF DIRECTORS
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Charles Spatafore, Jr.

PLAIN VIEW WATER DISTRICT
30215 SOUTH TRACY BOULEVARD
TRACY, CALIFORNIA 95376
PHONE # 209-835-7119
FAX # 209-835-2869

LEGAL COUNSEL
Bray, Geiger
Rudquist & Nuss

Mike Azpeitia
Manager
Jill Azpeitia
Secretary- Assessor

September 15, 1994

Dear Well Owner,

The purpose of this letter is to request your assistance in gathering data on your well.

Several water districts which are members of the San Luis & Delta-Mendota Water Authority have entered into Contracts for Conveyance of Non-Project Water (Warren Act Contract) with the U.S. Bureau of Reclamation. This contract allows individual well owners to pump groundwater into the Delt-Mendota Canal to supplement surface water supplies. As a requirement of this contract, the Bureau has requested that the Districts perform a groundwater study to evaluate any impacts to the groundwater basin from this practice.

The San Luis and Delta-Mendota Water Authority has contracted with Stoddard & Associates to conduct a Delta-Mendota Canal Groundwater Pumping Inpact Study. The purpose of the study is to evaluate the impacts of groundwater pumping adjacent to the Delta-Mendota Canal on the groundwater basin. This study concentrates on those areas along the DMC which receive surface water from the DMC and are located west of the San Joaquin River and east of the Coast Range Mountains. The generalized study area covers portions of Merced, Stanislaus, Fresno and San Joaquine Counties. The study area will be separated into three subbasins. Your well has been identified to be within the study area.

This study will estimate the sustainable yield of the subbasin aquifers, simulate the cone of depression formation for the areas of concern within the subbasins, and discuss the potential cone of depression impacts. The areas of concern are the areas in each subbasin within 5 miles of the Delta-Mendoata Canal.

This study is scheduled to be completed in early Spring of 1995. In order for the Authority to meet that schedule, they are requesting all information be sent in to their office by October 15th. Therefore we request that you provide all information you may have to us by October 10th.

We understand that this is alot of information to gather in a short time frame. We and the Authority appreciate your assistance in this matter. If you have any questions or concerns, please contact Danielle Dutton at Plain View Water District at (209) 835-7119 or John Gonzales at the Water Authority at (209) 833-1044.

Sincerely,

Danielle Dutton
Well Ground Water Survey

INFORMATION REQUIREMENTS

The following is a list of the required information to complete the DMC Groundwater Pumping Impact Study. This information is needed in our district office by October 10, 1994

A. Water level recovery data using enclosed form titled "Attachment 1"

Please use the enclosed forms to record well water level recovery data. If and when pumping is ceased at your well, the following procedure for obtaining recovery data should be followed:

The depth to water levels can be measured from top of the steel casing using a sounding device or weighted steel tape. It is important to recognize that the quality of the data depends upon accurately recording the water levels and the exact time at which each measurement is made. We recommend that water levels should be measured to the nearest 0.1 ft. using either of the following two recording schemes (Attachment 1), depending upon the time since the pumping stopped.

B. Data for well

1. Location
2. Well logs
3. PG&E pump tests
4. Quantity of water pumped for years 1986 through 1993
5. Water quality information

Please use the enclosed Well Record Form to record well information.

Mailed 9/23/94

WELL #1

WELL RECORD FORM

Please provide the following information for all wells (DMC and other wells) located within a 5 mile radius.

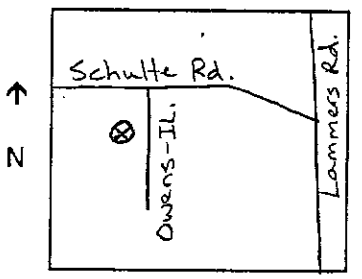
Date: 9/22/94 Record By: Brian Pillittere

District: Plain View State Well No.: SJCPHS Permit No. 93-0132

1. LOCATION: County: San Joaquin

Section: _____ Township: _____ N S Range: _____ E W

Sketch Well Location W.R.T. Nearby Canals or Roads:



Which Tract of the Section Is Your Well Located?

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

2. OWNER: Thermal Energy Development L.P. Address: 14800 W. Schulte Rd.

TENANT: Same Address: _____

3. CASING: Top Elevation: 120 ft. ABOVE MSL

4. WELL: Use: Industrial IRRIGATION INDUSTRIAL DOMESTIC MUNICIPAL

Year Constructed: 1989

Present Status: Use USE ABANDONED

Completed Depth: 180 Ft.

Construction Material: Steel

5. SCREEN INTERVAL From _____ ft. To _____ ft.

From _____ ft. To _____ ft.

6. CURRENT WATER LEVEL DEPTH: Reported: _____ ft.

Measured: 164 ft.

7. GROUNDWATER PUMPED:

	1986	1987	1988	1989	1990	1991	1992	1993
Pumping Rate (gal/min)					242	242	242	242
Total Water (ac.ft.)					131	195	195	195

8. GROUNDWATER QUALITY DATA: Taste N/A Odor N/A

	1986	1987	1988	1989	1990	1991	1992	1993*
Total Dissolved Solids								
Electrical Conductivity (EC)					2150			1390
Nitrates ppm					23			
Boron ppm					2.3			1.3

* From 7/28/94

9. ACCESS FOR SAMPLING/WATER LEVEL MEASUREMENT: ☐ Yes ☒ No

10. INFORMATION ENCLOSED:

Driller's Log ☐ Yes ☒ No

E-Log ☐ Yes ☒ No

PG&E Pump Test Report ☐ Yes ☒ No

11. REMARKS: _____

ATTACHMENT 1

SCHEME NO. 1

This measurement scheme applies to situations where pumping is still underway at the time of the measurement.

STATE WELL I.D.: SJCPHS Permit # 93-0132 DISTRICT: Plain View

MEASURED BY: Freitas Electric

Elevation of Top of Well Casing = 120 (ft)

Static Water Levels = 164 (ft) to top of casing

Static Water Depth = 94 (ft)

DATE	CLOCK TIME SINCE PUMPING STOPPED	ELAPSED TIME SINCE PUMPING STOPPED	WATER LEVEL DEPTH MEASURED FROM THE WELL CASING TOP (ft)	REMARKS
		0		
		2 min		
		4 min		
		6 min		
		10 min		
		20 min		
		40 min		
		60 min		
		2 hrs		
		4 hrs		
		8 hrs		
		16 hrs		
		24 hrs		
		2 days		
4/15/94		4 days	164	
		1 week		
		2 weeks		
		4 weeks		
		6 weeks		

ATTACHMENT 1 *(continued)*

SCHEME NO. 2

This scheme applies to a situation where pumping has already stopped.

STATE WELL I.D.: _____ DISTRICT: _____

MEASURED BY: _____

Elevation of Top of Well Casing = _____ (ft)

Static Water Levels = _____ (ft)

Static Water Depth = _____ (ft)

DATE	CLOCK TIME SINCE PUMPING STOPPED	ELAPSED TIME SINCE PUMPING STOPPED	WATER LEVEL DEPTH MEASURED FROM THE WELL CASING TOP (ft)	REMARKS
		1 day		
		2 days		
		4 days		
		6 days		
		1 week		
		2 weeks		
		3 weeks		
		4 weeks		
		6 weeks		

WELL #2

WELL RECORD FORM

Please provide the following information for all wells (DMC and other wells) located within a 5 mile radius.

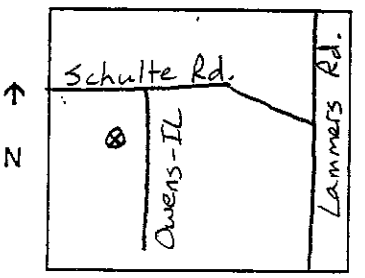
Date: 9/22/94 Record By: Brian Pillittere

District: Plain View State Well No.: SJCPHS Permit No. 91-2397

1. LOCATION: County: San Joaquin

Section: _____ Township: _____ N S Range: _____ E W

Sketch Well Location W.R.T. Nearby Canals or Roads:



Which Tract of the Section Is Your Well Located?

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

2. OWNER: Thermal Energy Development L.P. Address: 14800 W. Schulte Rd.

TENANT: Same Address: _____

3. CASING: Top Elevation: 120 ft. ABOVE MSL

4. WELL: Use: Industrial IRRIGATION INDUSTRIAL DOMESTIC MUNICIPAL

Year Constructed: 1989

Present Status: Use USE ABANDONED

Completed Depth: 180 Ft.

Construction Material: Steel

5. SCREEN INTERVAL From _____ ft. To _____ ft.

From _____ ft. To _____ ft.

6. CURRENT WATER LEVEL DEPTH: Reported: _____ ft.

Measured: 164 ft.

7. GROUNDWATER PUMPED:

	1986	1987	1988	1989	1990	1991	1992	1993
Pumping Rate (gal/min)					242	242	242	242
Total Water (ac.ft.)					131	195	195	195

8. GROUNDWATER QUALITY DATA: Taste N/A Odor N/A

	1986	1987	1988	1989	1990	1991	1992	1993*
Total Dissolved Solids								
Electrical Conductivity (EC)					1770			1270
Nitrates ppm					17			
Boron ppm					1.6			1.3

* From 7/28/94

9. ACCESS FOR SAMPLING/WATER LEVEL MEASUREMENT: ☐ Yes ■ No

10. INFORMATION ENCLOSED:

Driller's Log ☐ Yes ■ No

E-Log ☐ Yes ■ No

PG&E Pump Test Report ☐ Yes ■ No

11. REMARKS: _____

ATTACHMENT 1

SCHEME NO. 1

This measurement scheme applies to situations where pumping is still underway at the time of the measurement.

STATE WELL I.D.: _____ DISTRICT: Plain View

MEASURED BY: Freitas Electric

Elevation of Top of Well Casing = 120 (ft)

Static Water Levels = 164 (ft) below top of casing

Static Water Depth = 94 (ft)

DATE	CLOCK TIME SINCE PUMPING STOPPED	ELAPSED TIME SINCE PUMPING STOPPED	WATER LEVEL DEPTH MEASURED FROM THE WELL CASING TOP (ft)	REMARKS
		0		
		2 min		
		4 min		
		6 min		
		10 min		
		20 min		
		40 min		
		60 min		
		2 hrs		
		4 hrs		
		8 hrs		
		16 hrs		
		24 hrs		
		2 days		
4/15/94		4 days	164	
		1 week		
		2 weeks		
		4 weeks		
		6 weeks		

ATTACHMENT 1 *(continued)*

SCHEME NO. 2

This scheme applies to a situation where pumping has already stopped.

STATE WELL I.D.: _____ DISTRICT: _____

MEASURED BY: _____

Elevation of Top of Well Casing = _____ (ft)

Static Water Levels = _____ (ft)

Static Water Depth = _____ (ft)

DATE	CLOCK TIME SINCE PUMPING STOPPED	ELAPSED TIME SINCE PUMPING STOPPED	WATER LEVEL DEPTH MEASURED FROM THE WELL CASING TOP (ft)	REMARKS
		1 day		
		2 days		
		4 days		
		6 days		
		1 week		
		2 weeks		
		3 weeks		
		4 weeks		
		6 weeks		

APPENDIX C: REGULATORY DATABASE REPORT

PARTNER

14800 West Schulte Road
14800 West Schulte Road
Tracy, CA 95377

Inquiry Number: 5338184.2s
June 20, 2018

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

14800 WEST SCHULTE ROAD
TRACY, CA 95377

COORDINATES

Latitude (North):	37.7198680 - 37˚ 43' 11.52''
Longitude (West):	121.4904790 - 121˚ 29' 25.72''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	633041.7
UTM Y (Meters):	4175602.0
Elevation:	127 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640426 TRACY, CA
Version Date:	2012
Southwest Map:	5640068 MIDWAY, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140628
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
14800 WEST SCHULTE ROAD
TRACY, CA 95377

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	THERMAL ENERGY DEVEL	14800 W SCHULTE RD	HAZNET		TP
A2	THERMAL ENERGY DEVEL	14800 W SCHULTE RD	AST		TP
A3	TRACY BIOMASS PLANT	14800 WEST SCHULTE R	FINDS, ECHO		TP
A4	THERMAL ENERGY DEVLO	14800 W. SCHULTE RD	FINDS		TP
A5	THERMAL ENERGY DEVEL	14800 W SCHULTE RD	ICIS, US AIRS		TP
A6	TRACY OPERATORS	14800 SCHULTE AVE	HAZNET		TP
A7	THERMAL ENERGY DEVEL	14800 W. SCHULTE RD.	EMI		TP
A8	TRACY OPERATORS	14800 W. SCHULTE ROA	EMI		TP
A9	THERMAL ENERGY DEVEL	14800 WEST SCHULTE R	NPDES, CIWQS		TP
A10	TRACY BIOMASS PLANT	14800 W. SCHULTE ROA	RMP		TP
A11	TRACY BIOMASS POWER	14800 W. SCHULTE RD	CERS		TP
A12	THERMAL ENERGY DEVEL	14800 W SCHULTE RD	CERS, CERS HAZ WASTE, CERS TANKS		TP
A13	THERMAL ENERGY DEV.	14800 W SCHULTE RD	EMI		TP
A14	OWENS-BROCKWAY GLASS	14700 SHULTE RD W	CPS-SLIC	Higher	1 ft.
A15	OWENS-BROCKWAY GLASS	14700 W SCHULTE RD	RCRA-LQG, LUST, CPS-SLIC, HIST UST, TRIS, ICIS, US...	Higher	1 ft.
A16	OWENS BROCKWAY	14700 W SCHULTE	AST	Higher	1 ft.
B17	OWENS-BROCKWAY GLASS	14700 W SCHULTE RD	UST	Lower	30, 0.006, NE
B18	OWENS ILLINOIS INC T	14700 W SCHULTE RD	SWEEPS UST, CA FID UST, EMI	Lower	30, 0.006, NE
B19	OWENS-BROCKWAY GLASS	14700 W SCHULTE RD	AST	Lower	30, 0.006, NE
B20	OWENS-BROCKWAY GLASS	14700 W SCHULTE RD	HAZNET, CERS TANKS, CERS HAZ WASTE, CERS	Lower	30, 0.006, NE
B21	USF REDDWAY	14700 W SCHULTE RD	HIST UST, EMI, HAZNET	Lower	30, 0.006, NE
22	TRACY COMBINED CYCLE	14950 W SCHULTE RD	AST	Higher	381, 0.072, WNW
C23	FAA - ANTENNAE FARM	15178 W SCHULTE RD	UST	Higher	1138, 0.216, WNW
C24	TRACY YOUTH SPORTS P	15178 SCHULTE ROAD	CPS-SLIC, CERS	Higher	1138, 0.216, WNW
25	GEORGE KELLY SCHOOL	VENETO DRIVE/MABEL J	ENVIROSTOR, SCH, CERS	Lower	5057, 0.958, ENE
D26	KIMBALL HIGH SCHOOL	24606 SOUTH LAMMERS	ENVIROSTOR, SCH, CERS	Lower	5166, 0.978, NE
D27	ADDITION TO KIMBALL	24606 S. LAMMERS ROA	ENVIROSTOR, SCH	Lower	5166, 0.978, NE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
THERMAL ENERGY DEVEL 14800 W SCHULTE RD TRACY, CA 95377	HAZNET GEPAID: CAL000316973	N/A
THERMAL ENERGY DEVEL 14800 W SCHULTE RD TRACY, CA 95377	AST Database: AST, Date of Government Version: 07/06/2016	N/A
TRACY BIOMASS PLANT 14800 WEST SCHULTE R TRACY, CA 95377	FINDS Registry ID:: 110000511893 ECHO Registry ID: 110000511893	N/A
THERMAL ENERGY DEVLO 14800 W. SCHULTE RD TRACY, CA 95377	FINDS Registry ID:: 110063184824	N/A
THERMAL ENERGY DEVEL 14800 W SCHULTE RD TRACY, CA 95378	ICIS FRS ID:: 110000511893 US AIRS Database: US AIRS (AFS), Date of Government Version: 10/12/2016 EPA plant ID:: 110000511893	N/A
TRACY OPERATORS 14800 SCHULTE AVE TRACY, CA 95378	HAZNET GEPAID: CAL000042561	N/A
THERMAL ENERGY DEVEL 14800 W. SCHULTE RD. TRACY, CA 95377	EMI Facility Id: 1026	N/A
TRACY OPERATORS 14800 W. SCHULTE ROA TRACY, CA 95376	EMI Facility Id: 21283 Facility Id: 1026 Facility Id: 250	N/A
THERMAL ENERGY DEVEL 14800 WEST SCHULTE R TRACY, CA 95377	NPDES	N/A

EXECUTIVE SUMMARY

	Facility Status: Active CIWQS	
TRACY BIOMASS PLANT 14800 W. SCHULTE ROA TRACY, CA 95376	RMP	N/A
TRACY BIOMASS POWER 14800 W. SCHULTE RD TRACY, CA 95376	CERS	N/A
THERMAL ENERGY DEVEL 14800 W SCHULTE RD TRACY, CA 95377	CERS CERS HAZ WASTE CERS TANKS	N/A
THERMAL ENERGY DEV. 14800 W SCHULTE RD TRACY, CA 95377	EMI Facility Id: 1026	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

EXECUTIVE SUMMARY

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
HAULERS	Registered Waste Tire Haulers Listing
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS	Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL	Delisted National Clandestine Laboratory Register
HIST Cal-Sites	Historical Calsites Database
SCH	School Property Evaluation Program
CDL	Clandestine Drug Labs
Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List

EXECUTIVE SUMMARY

PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
UIC	UIC Listing
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)
UIC GEO	UIC GEO (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/11/2017 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS	***14700 W SCHULTE RD***	***0 - 1/8 (0.000 mi.)***	***A15***	***175***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/30/2018 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GEORGE KELLY SCHOOL	***VENETO DRIVE/MABEL J***	***ENE 1/2 - 1 (0.958 mi.)***	***25***	***568***

Facility Id: 39010033
Status: No Further Action

KIMBALL HIGH SCHOOL	***24606 SOUTH LAMMERS***	***NE 1/2 - 1 (0.978 mi.)***	***D26***	***572***

Facility Id: 39010040
Status: No Further Action

ADDITION TO KIMBALL	***24606 S. LAMMERS ROA***	***NE 1/2 - 1 (0.978 mi.)***	***D27***	***577***

Facility Id: 60000718
Status: No Action Required

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS	***14700 W SCHULTE RD***	***0 - 1/8 (0.000 mi.)***	***A15***	***175***

Database: LUST REG 5, Date of Government Version: 07/01/2008
Database: LUST, Date of Government Version: 03/12/2018
Status: Completed - Case Closed
Status: Case Closed
Global Id: T0607700651

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 3 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS	14700 SHULTE RD W	0 - 1/8 (0.000 mi.)	A14	175

Database: SLIC REG 5, Date of Government Version: 04/01/2005

OWENS-BROCKWAY GLASS	***14700 W SCHULTE RD***	***0 - 1/8 (0.000 mi.)***	***A15***	***175***

Database: CPS-SLIC, Date of Government Version: 03/12/2018
Global Id: SL0607719504
Facility Status: Open - Inactive

TRACY YOUTH SPORTS P	***15178 SCHULTE ROAD***	***WNW 1/8 - 1/4 (0.216 mi.)***	***C24***	***567***

Database: CPS-SLIC, Date of Government Version: 03/12/2018
Global Id: SL0607797298
Facility Status: Completed - Case Closed

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FAA - ANTENNAE FARM Database: UST SAN JOAQUIN, Date of Government Version: 03/20/2018 Facility Id: FA0017909 Tank Status: 02 - Inactive, non-billable	15178 W SCHULTE RD	WNW 1/8 - 1/4 (0.216 mi.)	C23	567

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS Database: UST SAN JOAQUIN, Date of Government Version: 03/20/2018 Facility Id: FA0006674 Tank Status: 02 - Inactive, non-billable	14700 W SCHULTE RD	NE 0 - 1/8 (0.006 mi.)	B17	372

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 3 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS BROCKWAY Database: AST, Date of Government Version: 07/06/2016	14700 W SCHULTE	0 - 1/8 (0.000 mi.)	A16	371
TRACY COMBINED CYCLE Database: AST, Date of Government Version: 07/06/2016	14950 W SCHULTE RD	WNW 0 - 1/8 (0.072 mi.)	22	566

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS Database: AST, Date of Government Version: 07/06/2016	14700 W SCHULTE RD	NE 0 - 1/8 (0.006 mi.)	B19	376

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/23/2018 has revealed that there

is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS	***14700 W SCHULTE RD***	***NE 0 - 1/8 (0.006 mi.)***	***B20***	***376***

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS ILLINOIS INC T Comp Number: 1965	***14700 W SCHULTE RD***	***NE 0 - 1/8 (0.006 mi.)***	***B18***	***373***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS Facility Id: 00000002264	***14700 W SCHULTE RD***	***0 - 1/8 (0.000 mi.)***	***A15***	***175***

Lower Elevation	Address	Direction / Distance	Map ID	Page
USF REDDWAY	***14700 W SCHULTE RD***	***NE 0 - 1/8 (0.006 mi.)***	***B21***	***564***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS ILLINOIS INC T Facility Id: 39001820 Status: I	***14700 W SCHULTE RD***	***NE 0 - 1/8 (0.006 mi.)***	***B18***	***373***

EXECUTIVE SUMMARY

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 04/23/2018 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS	***14700 W SCHULTE RD***	***NE 0 - 1/8 (0.006 mi.)***	***B20***	***376***

Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

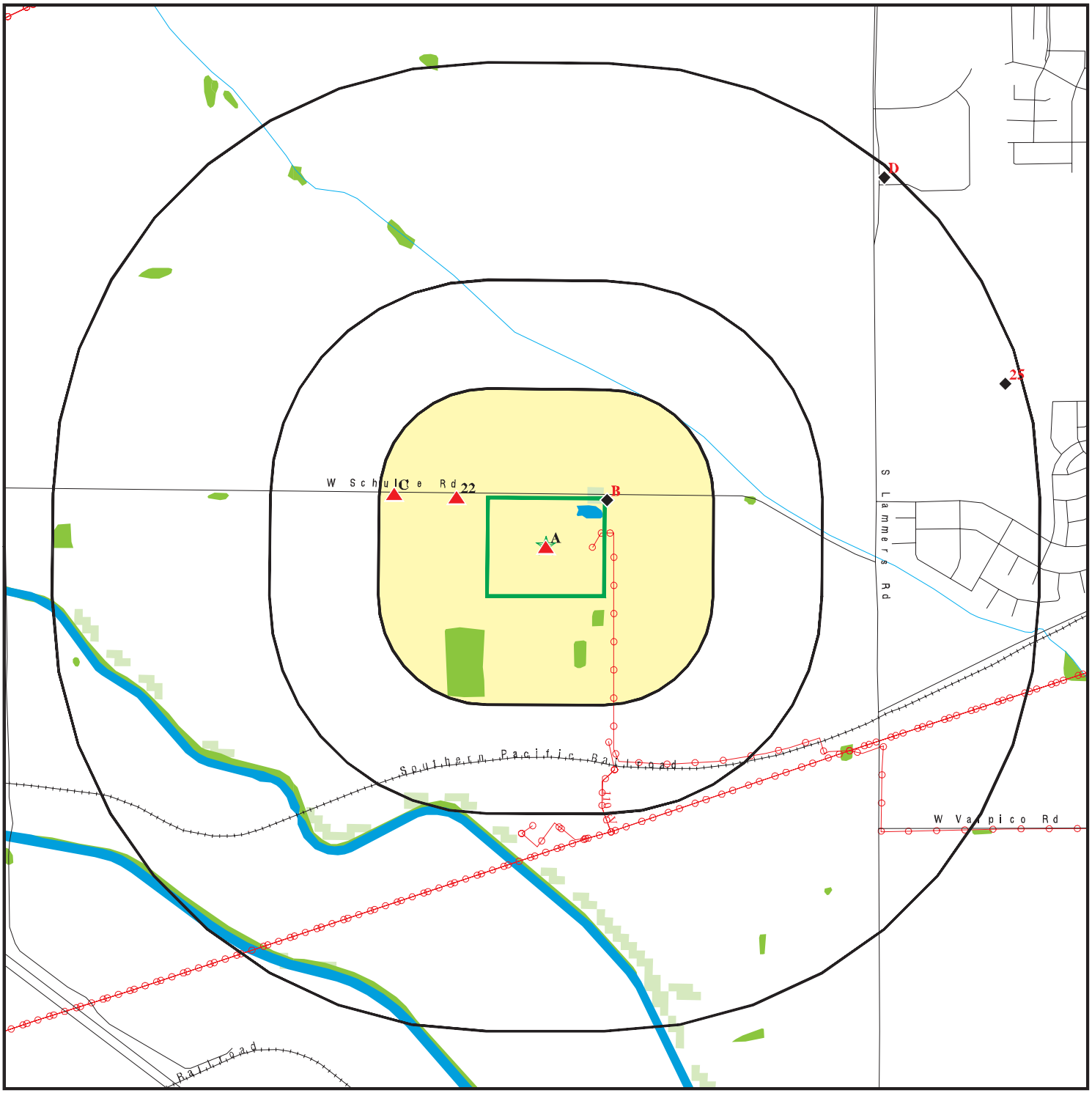
A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OWENS-BROCKWAY GLASS Reg Id: 390822	***14700 W SCHULTE RD***	***0 - 1/8 (0.000 mi.)***	***A15***	***175***

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5338184.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 14800 West Schulte Road	CLIENT: Partner Engineering and Science, Inc.
ADDRESS: 14800 West Schulte Road Tracy CA 95377	CONTACT: Colleen Tubridy INQUIRY #: 5338184.2s
LAT/LONG: 37.719868 / 121.490479	DATE: June 20, 2018 11:31 am

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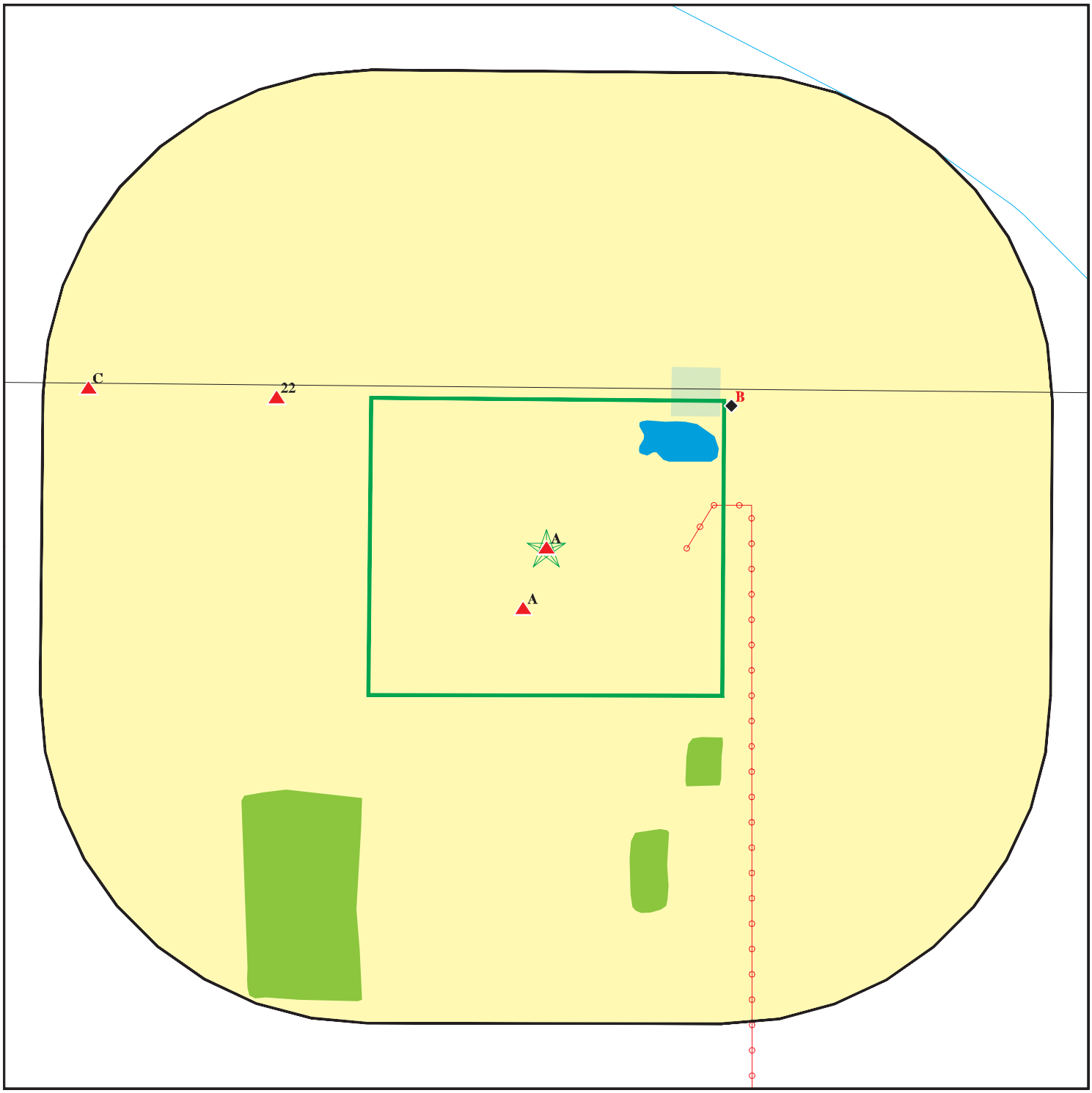
DETAIL MAP - 5338184.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 14800 West Schulte Road	CLIENT: Partner Engineering and Science, Inc.
ADDRESS: 14800 West Schulte Road Tracy CA 95377	CONTACT: Colleen Tubridy INQUIRY #: 5338184.2s
LAT/LONG: 37.719868 / 121.490479	DATE: June 20, 2018 11:35 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	3	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		1	0	0	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		2	1	0	NR	NR	3
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	1	NR	NR	NR	2
AST	0.250	1	3	0	NR	NR	NR	4
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250	1	1	0	NR	NR	NR	2
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	0	NR	NR	NR	1
HIST UST	0.250		2	0	NR	NR	NR	2
CA FID UST	0.250		1	0	NR	NR	NR	1
CERS TANKS	0.250	1	1	0	NR	NR	NR	2
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP	1	NR	NR	NR	NR	NR	1
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP	1	NR	NR	NR	NR	NR	1
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
ECHO	TP	1	NR	NR	NR	NR	NR	1
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EMI	TP	3	NR	NR	NR	NR	NR	3
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	2	NR	NR	NR	NR	NR	2
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	0	0	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP	1	NR	NR	NR	NR	NR	1
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
CIWQS	TP	1	NR	NR	NR	NR	NR	1
CERS	TP	2	NR	NR	NR	NR	NR	2
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		18	15	2	0	3	0	38

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY B**
14800 W SCHULTE RD
TRACY, CA 95377 | **HAZNET** | **S113146527**
N/A

Site 1 of 16 in cluster A

Actual: 127 ft.

HAZNET:

envid:	S113146527
Year:	2016
GEPAID:	CAL000316973
Contact:	TOM BAKER
Telephone:	2098796921
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.545
Cat Decode:	Unspecified oil-containing waste
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Joaquin

envid:	S113146527
Year:	2015
GEPAID:	CAL000316973
Contact:	TOM BAKER
Telephone:	2098796921
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.025
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Joaquin

envid:	S113146527
Year:	2015
GEPAID:	CAL000316973
Contact:	TOM BAKER
Telephone:	2098796921
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	San Joaquin
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Off-specification, aged or surplus inorganics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (TRACY BIOMASS PLA (Continued) **S113146527**

(H010-H129) Or (H131-H135)
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Joaquin

envid: S113146527
Year: 2015
GEPAID: CAL000316973
Contact: TOM BAKER
Telephone: 2098796921
Mailing Name: Not reported
Mailing Address: 14800 W SCHULTE RD
Mailing City,St,Zip: TRACY, CA 953770000
Gen County: San Joaquin
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2625
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Joaquin

envid: S113146527
Year: 2014
GEPAID: CAL000316973
Contact: RONALD P. SICHAU/PLANT MANAGER
Telephone: 2098796921
Mailing Name: Not reported
Mailing Address: 14800 W SCHULTE RD
Mailing City,St,Zip: TRACY, CA 953770000
Gen County: San Joaquin
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Liquids with pH <= 2
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2625
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Joaquin

Click this hyperlink while viewing on your computer to access
44 additional CA_HAZNET: record(s) in the EDR Site Report.

A2 **THERMAL ENERGY DEVELOP PSHIP** **AST** **A100425266**
Target **14800 W SCHULTE RD** **N/A**
Property **TRACY, CA 95377**

Site 2 of 16 in cluster A

Actual:
127 ft.

AST:
Certified Unified Program Agencies: Not reported
Owner: THERMAL ENERGY DEVELOP PSHIP
Total Gallons: Not reported
CERSID: 10181629

THERMAL ENERGY DEVELOP PSHIP (Continued) **A100425266**

Facility ID:	FA0004471
Business Name:	THERMAL ENERGY DEVELOP PSHIP
Phone:	209- 835-6766
Fax:	209-835-6918
Mailing Address:	14800 W SCHULTE RD
Mailing Address City:	TRACY
Mailing Address State:	CA
Mailing Address Zip Code:	Not reported
Operator Name:	THERMAL ENERGY DEVELOP PSHIP
Operator Phone:	209-835-6923
Owner Phone:	209-835-6914
Owner Mail Address:	14800 W SCHULTE RD
Owner State:	CA
Owner Zip Code:	95377
Owner Country:	United States
Property Owner Name:	Greenleaf Power LLC
Property Owner Phone:	916-596-2500
Property Owner Mailing Address:	2600 Capitol Ave
Property Owner City:	Sacramento
Property Owner Stat :	CA
Property Owner Zip Code:	95816
Property Owner Country:	United States
EPAID:	CAL000316973

A3 Target Property | **TRACY BIOMASS PLANT**
14800 WEST SCHULTE ROAD
TRACY, CA 95377 | **FINDS** **1016176194**
ECHO **N/A**

Site 3 of 16 in cluster A

Actual: 127 ft.

FINDS:

Registry ID: 110000511893

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR EMISSIONS CLASSIFICATION UNKNOWN

COMPLIANCE AND EMISSIONS REPORTING

US Emissions & Generation Resource Database (EGRID) contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States.

HAZARDOUS AIR POLLUTANT MAJOR

US National Pollutant Discharge Elimination System (NPDES) module of

TRACY BIOMASS PLANT (Continued) **1016176194**

the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

AIR MAJOR

ELECTRIC GENERATOR

STATE MASTER

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016176194
Registry ID:	110000511893
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000511893

A4 Target Property | **THERMAL ENERGY DEVLOPMENT PSHIP** | **FINDS** | **1023196986**
14800 W. SCHULTE RD | **N/A**
TRACY, CA 95377

Site 4 of 16 in cluster A

Actual: 127 ft.

FINDS:

Registry ID: 110063184824

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A5 Target Property | **THERMAL ENERGY DEVELOPMENT CORP** | **ICIS** | **1004441250**
14800 W SCHULTE RD | **US AIRS** | **N/A**
TRACY, CA 95378

Site 5 of 16 in cluster A

Actual: 127 ft.

ICIS:

Enforcement Action ID:	CASJVA3000000000000001223
FRS ID:	110000511893
Action Name:	Not reported
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000000129
FRS ID:	110000511893
Action Name:	Not reported
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600455
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600455
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600452

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600452
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600431
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600431
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600427
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600427
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600418
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600418
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600415
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600415
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600386
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600386
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600384
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600384
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600344
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600344
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600343
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600343
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 4911

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600340
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600340
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600338
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600338
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600333
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600333
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600332
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600332
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600331
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600331
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600328
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600328
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600326
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600326
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600324
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600324
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600316
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600316

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600315
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600315
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600314
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600314
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Enforcement Action ID:	CASJVA000006077N102600313
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600313
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600312
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600312
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600310
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600310
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600308
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600308
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600301
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600301
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600299
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600299
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600297
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600297
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600232
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600232
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.72163
Longitude in Decimal Degrees: -121.49045
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N1026
Facility NAICS Code: 221122
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N102600230
FRS ID: 110000511893
Action Name: THERMAL ENERGY DEVELOPMENT CORP 06077N102600230
Facility Name: THERMAL ENERGY DEVELOPMENT CORP
Facility Address: 14800 W SCHULTE RD
TRACY, CA 95378
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600223
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600223
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600221
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600221
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600216
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600216
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600215
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600215
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600214
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600214
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600212
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600212
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

	TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600210
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600210
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD
	TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600208
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600208
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD
	TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600172
FRS ID:	110000511893

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600172
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600170
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600170
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600167
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600167
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Enforcement Action ID:	CASJVA000006077N102600164
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600164
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600157
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600157
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600144
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600144
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600142
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600142
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600133
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600133
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600131
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600131
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600128
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600128
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600126
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600126
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600118
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600118
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600116
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600116
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600100
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600100
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600098
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600098
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600095
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600095
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600093
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600093
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600088
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600088
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

	TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600086
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600086
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD
	TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600081
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600081
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD
	TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600079
FRS ID:	110000511893

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600079
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600074
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600074
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600072
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600072
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Enforcement Action ID:	CASJVA000006077N102600064
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600064
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600059
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600059
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N102600057
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600057
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600019
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600019
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600018
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600018
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600012
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600012
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600007
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600007
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N102600003
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600003
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported
Enforcement Action ID:	09-2013-A005
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600467
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	CAA 113D1 Action For Penalty
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	113D1

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2013-A004
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600466
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	CAA 113D1 Action For Penalty
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	113D1
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2013-0002
FRS ID:	110000511893
Action Name:	Thermal Energy Development Partnership, L.P. CAA CAFO
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	CAA 113D1 Action For Penalty
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	113D1
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	09-200076127
FRS ID:	110000511893
Action Name:	Thermal Energy Development TEDP NOV
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Enforcement Action ID:	09-000F00006077N102600446
FRS ID:	110000511893
Action Name:	THERMAL ENERGY DEVELOPMENT CORP 06077N102600446
Facility Name:	THERMAL ENERGY DEVELOPMENT CORP
Facility Address:	14800 W SCHULTE RD TRACY, CA 95378
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	4911
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.72163
Longitude in Decimal Degrees:	-121.49045
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N1026
Facility NAICS Code:	221122
Tribal Land Code:	Not reported

Facility Name:	TRACY BIOMASS PLANT
Address:	14800 WEST SCHULTE ROAD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911

Facility Name:	TRACY BIOMASS PLANT
Address:	14800 WEST SCHULTE ROAD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911

Facility Name:	TRACY BIOMASS PLANT
Address:	14800 WEST SCHULTE ROAD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911

Facility Name:	TRACY BIOMASS PLANT
Address:	14800 WEST SCHULTE ROAD
Tribal Indicator:	N

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911
Facility Name:	TRACY BIOMASS PLANT
Address:	14800 WEST SCHULTE ROAD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911
Facility Name:	TRACY BIOMASS PLANT
Address:	14800 WEST SCHULTE ROAD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911
Facility Name:	TRACY BIOMASS PLANT
Address:	14800 WEST SCHULTE ROAD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911

US AIRS (AFS):

Envid:	1004441250
Region Code:	09
County Code:	CA077
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
D and B Number:	Not reported
Facility Site Name:	THERMAL ENERGY DEVELOPMENT CORP
Primary SIC Code:	4911
NAICS Code:	221122
Default Air Classification Code:	MAJ
Facility Type of Ownership Code:	POF
Air CMS Category Code:	TVM
HPV Status:	Not reported

US AIRS (AFS):

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Performance Standards
Activity Date:	Not reported
Activity Status Date:	2014-10-19 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Case File Data Entered
Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	New Source Performance Standards
Activity Date:	Not reported
Activity Status Date:	2013-02-21 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Performance Standards
Activity Date:	2012-11-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Performance Standards
Activity Date:	2013-02-21 00:00:00
Activity Status Date:	2013-02-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Closed

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Performance Standards
Activity Date:	2013-01-23 00:00:00
Activity Status Date:	2013-01-23 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Performance Standards
Activity Date:	2013-02-21 00:00:00
Activity Status Date:	2013-02-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Performance Standards
Activity Date:	2012-11-21 00:00:00
Activity Status Date:	2012-11-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	2011-11-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Information Request
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	2010-04-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	2010-09-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	2010-10-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	2011-10-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	2011-10-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Nonattainment/SIP Provisions
Activity Date:	2013-01-23 00:00:00
Activity Status Date:	2012-10-02 18:55:29
Activity Group:	Compliance Monitoring
Activity Type:	Compliance Investigation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Operating Permits
Activity Date:	2013-01-23 00:00:00
Activity Status Date:	2012-10-02 18:55:29
Activity Group:	Compliance Monitoring
Activity Type:	Compliance Investigation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Operating Permits
Activity Date:	2010-09-17 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	2010-10-05 13:30:10
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Operating Permits
Activity Date:	2011-10-31 00:00:00
Activity Status Date:	2011-11-15 19:28:58
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	2014-10-19 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Case File Data Entered

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	1995-07-05 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	1995-07-10 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	1996-03-20 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	1998-06-02 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	2004-07-19 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	2004-09-30 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	2005-06-01 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved
Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2005-09-01 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2006-03-21 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2013-02-21 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-01-23 00:00:00
Activity Status Date: 2012-10-02 18:55:29
Activity Group: Compliance Monitoring
Activity Type: Compliance Investigation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-04-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Compliance Investigation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Compliance Investigation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-08-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-09-17 00:00:00
Activity Status Date: 2010-10-05 13:30:10
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-10-31 00:00:00
Activity Status Date: 2011-11-15 19:28:58
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-07-27 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	2015-08-03 11:32:41
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:18:09
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:18:25
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:18:33
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:18:48
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:19:15
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-08-08 08:13:11
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1994-12-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1996-05-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1997-03-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-10-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-01-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-05-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-05-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-08-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-03-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-06-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-06-15 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-03-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-03-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-04-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-10-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-01-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-03-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-03-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-08-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-09-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-12-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-01-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-03-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-04-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-04-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-05-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-09-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-10-16 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2007-12-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-01-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-01-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-03-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-03-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-04-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-04-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-04-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-05-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-05-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-07-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-07-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-09-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-11-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-12-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-12-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-12-23 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-01-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-02-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-02-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-03-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-03-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-03-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-07-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-07-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-08-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-09-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-10-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-11-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-11-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-11-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-12-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-12-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-12-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-01-04 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-01-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-01-08 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-01-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-01-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-01-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-02-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-02-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-02-08 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-02-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-03-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-03-08 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-03-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-03-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-03-22 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-03-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-04-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-06-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-08-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-08-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-09-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-10-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-11-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-01-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-02-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-07-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-08-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-09-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-09-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-10-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-10-14 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2011-10-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2011-10-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2011-10-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2011-10-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2011-11-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-01-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-03-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-05-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-05-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-05-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-06-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-07-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-07-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-07-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-07-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-08-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-08-27 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-08-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-08-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-10-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-10-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-11-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-11-15 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-11-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-11-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-12-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-12-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-12-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-12-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-01-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-04-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-06-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-06-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-06-11 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-06-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-06-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-07-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-07-15 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-07-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-08-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-09-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-10-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-10-22 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-11-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-11-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-12-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-12-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-01-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-01-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-01-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-01-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-01-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-01-27 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-01-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-03-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-04-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-05-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-05-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-06-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-06-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-06-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-07-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-08-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-02-21 00:00:00
Activity Status Date:	2013-02-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Closed

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1995-08-31 00:00:00
Activity Status Date:	1995-08-31 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1996-03-20 00:00:00
Activity Status Date:	1996-03-20 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-05-01 00:00:00
Activity Status Date:	1998-05-01 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-06-30 00:00:00
Activity Status Date: 2004-06-30 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-14 00:00:00
Activity Status Date: 2004-09-14 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-05-12 00:00:00
Activity Status Date: 2005-05-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-22 00:00:00
Activity Status Date: 2005-08-22 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-03-06 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	2006-03-06 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-01-23 00:00:00
Activity Status Date:	2013-01-23 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-02-21 00:00:00
Activity Status Date:	2013-02-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1995-06-09 00:00:00
Activity Status Date:	1995-06-09 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1995-06-28 00:00:00
Activity Status Date:	1995-06-28 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1995-07-05 00:00:00
Activity Status Date:	1995-07-05 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1997-10-14 00:00:00
Activity Status Date:	1997-10-14 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2003-04-07 00:00:00
Activity Status Date:	2003-04-07 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-03-20 00:00:00
Activity Status Date:	2004-03-20 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-06-21 00:00:00
Activity Status Date:	2004-06-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-07-21 00:00:00
Activity Status Date:	2004-07-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-10-16 00:00:00
Activity Status Date:	2004-10-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-03-16 00:00:00
Activity Status Date:	2005-03-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2012-11-21 00:00:00
Activity Status Date:	2012-11-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Case File
Activity Type:	Case File

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2003-02-10 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2003-11-03 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2004-05-21 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2004-07-19 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	2004-09-30 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2005-06-01 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2005-09-01 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2006-03-21 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2007-01-10 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2007-04-04 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2008-12-26 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2009-02-17 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2011-02-10 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2012-04-23 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2012-08-09 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2012-09-19 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2013-01-29 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-04-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Compliance Investigation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Compliance Investigation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-08-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-01-28 00:00:00
Activity Status Date: 2015-02-19 14:54:17
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-01-28 00:00:00
Activity Status Date: 2015-02-26 13:13:13
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-07-27 00:00:00
Activity Status Date: 2015-08-03 11:32:41
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-09-15 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	2015-09-18 11:13:07
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-09-15 00:00:00
Activity Status Date:	2015-09-22 11:12:59
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-01-11 00:00:00
Activity Status Date:	2016-01-14 08:13:04
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-01-28 00:00:00
Activity Status Date:	2016-01-29 11:13:22
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:18:09
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:18:18
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:18:25
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:18:28
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:18:33
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:18:43
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-05-02 00:00:00
Activity Status Date: 2016-07-18 10:18:48
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-05-02 00:00:00
Activity Status Date: 2016-07-18 10:19:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-05-02 00:00:00
Activity Status Date: 2016-07-18 10:19:15
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-05-02 00:00:00
Activity Status Date: 2016-07-18 10:19:44
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-05-02 00:00:00
Activity Status Date: 2016-07-18 10:20:16
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:20:42
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:21:21
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:21:41
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-07-18 10:22:03
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	2016-07-19 11:26:25
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-05-02 00:00:00
Activity Status Date:	2016-08-08 08:13:11
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	1997-03-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	1998-02-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	1999-01-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2000-02-15 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2001-05-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2002-01-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2002-06-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2003-01-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-03-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-05-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-08-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-03-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-03-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-06-14 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-06-15 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-01-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-03-16 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-03-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-04-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-04-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-10-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-01-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-03-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-03-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-08-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-09-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-12-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-01-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-03-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-04-04 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-04-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-05-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-09-04 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-10-16 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-12-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-01-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-01-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-03-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-03-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-04-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-04-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-04-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-05-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-05-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-07-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-07-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-09-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-11-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-12-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-12-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-12-23 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-01-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-02-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-02-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-03-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-03-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-03-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-07-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-07-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-08-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-09-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-10-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-11-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-11-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-11-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-12-14 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-12-15 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-12-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-04 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-08 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-08 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-16 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-22 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-02-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-03-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-03-08 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-03-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-03-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-03-22 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-03-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-04-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-06-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-08-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-08-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-09-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-10-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-11-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-01-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-02-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-07-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-08-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-09-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-09-08 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-10-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-10-14 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-10-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-10-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-10-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-10-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-11-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-01-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-03-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-05-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-05-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-05-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-06-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-07-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-07-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-07-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-07-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-08-16 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-08-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-08-27 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-08-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-08-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-10-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-10-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-11-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-11-15 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-11-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-12-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-12-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-12-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-12-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-01-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-04-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-06-04 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-06-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-06-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-06-17 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-06-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-07-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-07-15 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-07-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-08-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-09-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-10-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-10-22 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-11-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-11-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-12-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-12-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-01-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-01-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-01-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-01-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-01-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-01-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-01-30 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-03-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-04-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-05-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-05-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-06-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-06-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-06-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-07-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-08-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2003-01-16 00:00:00
Activity Status Date:	2003-01-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2003-10-21 00:00:00
Activity Status Date:	2003-10-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-05-10 00:00:00
Activity Status Date:	2004-05-10 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-06-30 00:00:00
Activity Status Date:	2004-06-30 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-09-14 00:00:00
Activity Status Date:	2004-09-14 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-05-12 00:00:00
Activity Status Date:	2005-05-12 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-08-22 00:00:00
Activity Status Date:	2005-08-22 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-03-06 00:00:00
Activity Status Date:	2006-03-06 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-12-18 00:00:00
Activity Status Date:	2006-12-18 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-03-23 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	2007-03-23 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-08-27 00:00:00
Activity Status Date:	2008-08-27 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-10-27 00:00:00
Activity Status Date:	2008-10-27 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-01-29 00:00:00
Activity Status Date:	2009-01-29 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-09-01 00:00:00
Activity Status Date:	2010-09-01 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-09-28 00:00:00
Activity Status Date:	2010-09-28 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-10-13 00:00:00
Activity Status Date:	2010-10-13 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-03-22 00:00:00
Activity Status Date:	2012-03-22 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-07-09 00:00:00
Activity Status Date:	2012-07-09 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-07-26 00:00:00
Activity Status Date:	2012-07-26 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-12-11 00:00:00
Activity Status Date:	2012-12-11 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-02-10 00:00:00
Activity Status Date:	2011-02-10 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2001-12-31 00:00:00
Activity Status Date:	2001-12-31 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2002-04-04 00:00:00
Activity Status Date:	2002-04-04 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2003-04-07 00:00:00
Activity Status Date:	2003-04-07 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-02-12 00:00:00
Activity Status Date:	2004-02-12 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-03-20 00:00:00
Activity Status Date:	2004-03-20 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-06-21 00:00:00
Activity Status Date:	2004-06-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-07-21 00:00:00
Activity Status Date:	2004-07-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-10-16 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	2004-10-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-03-16 00:00:00
Activity Status Date:	2005-03-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-09-25 00:00:00
Activity Status Date:	2006-09-25 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-01-18 00:00:00
Activity Status Date:	2007-01-18 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-05-15 00:00:00
Activity Status Date:	2008-05-15 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-07-10 00:00:00
Activity Status Date:	2008-07-10 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-07-16 00:00:00
Activity Status Date:	2008-07-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-11-06 00:00:00
Activity Status Date:	2008-11-06 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-04-20 00:00:00
Activity Status Date:	2010-04-20 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-04-22 00:00:00
Activity Status Date:	2010-04-22 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-04-29 00:00:00
Activity Status Date:	2010-04-29 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-04-30 00:00:00
Activity Status Date:	2010-04-30 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-06-03 00:00:00
Activity Status Date:	2010-06-03 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-07-19 00:00:00
Activity Status Date:	2010-07-19 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N1026
Facility Registry ID:	110000511893
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-08-04 00:00:00
Activity Status Date:	2010-08-04 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-08-18 00:00:00
Activity Status Date: 2010-08-18 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-09-02 00:00:00
Activity Status Date: 2011-09-02 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-02-13 00:00:00
Activity Status Date: 2012-02-13 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-05-15 00:00:00
Activity Status Date: 2012-05-15 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASJV00006077N1026
Facility Registry ID: 110000511893
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-11-15 00:00:00

THERMAL ENERGY DEVELOPMENT CORP (Continued) **1004441250**

Activity Status Date:	2012-11-15 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

A6 Target Property **TRACY OPERATORS**
14800 SCHULTE AVE
TRACY, CA 95378

HAZNET **S113038656**
N/A

Site 6 of 16 in cluster A

Actual: 127 ft.

HAZNET:

envid:	S113038656
Year:	2006
GEPAID:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	CAD980884183
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Joaquin

envid:	S113038656
Year:	2006
GEPAID:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953770000
Gen County:	Not reported
TSD EPA ID:	CAD980884183
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Joaquin

envid:	S113038656
Year:	2006
GEPAID:	CAL000042561
Contact:	RICK VOGLER, PLANT SUPERVISOR
Telephone:	2098356914
Mailing Name:	Not reported
Mailing Address:	14800 W SCHULTE RD

TRACY OPERATORS (Continued) **S113038656**

Mailing City,St,Zip: TRACY, CA 953770000
Gen County: Not reported
TSD EPA ID: CAD980884183
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Joaquin

envid: S113038656
Year: 2006
GEPAID: CAL000042561
Contact: RICK VOGLER, PLANT SUPERVISOR
Telephone: 2098356914
Mailing Name: Not reported
Mailing Address: 14800 W SCHULTE RD
Mailing City,St,Zip: TRACY, CA 953770000
Gen County: Not reported
TSD EPA ID: CAD980884183
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Joaquin

envid: S113038656
Year: 2003
GEPAID: CAL000042561
Contact: RICK VOGLER, PLANT SUPERVISOR
Telephone: 2098356914
Mailing Name: Not reported
Mailing Address: 14800 W SCHULTE RD
Mailing City,St,Zip: TRACY, CA 953770000
Gen County: Not reported
TSD EPA ID: WIR000029751
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Joaquin

Click this hyperlink while viewing on your computer to access
23 additional CA_HAZNET: record(s) in the EDR Site Report.

A7 Target Property | **THERMAL ENERGY DEVELOPMENT PARTNERSHIP, LP.**
14800 W. SCHULTE RD.
TRACY, CA 95377 | **EMI** | **S113746475**
N/A

Site 7 of 16 in cluster A

Actual: 127 ft.

EMI:

Year:	2009
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.3146283285104301
Reactive Organic Gases Tons/Yr:	0.57901640010555
Carbon Monoxide Emissions Tons/Yr:	95.344682601073799
NOX - Oxides of Nitrogen Tons/Yr:	112.900267600522
SOX - Oxides of Sulphur Tons/Yr:	19.141395930007
Particulate Matter Tons/Yr:	3.0613861507603399
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.788695827557

Year:	2010
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.3146627590444599
Reactive Organic Gases Tons/Yr:	0.57902949999999997
Carbon Monoxide Emissions Tons/Yr:	95.344652001
NOX - Oxides of Nitrogen Tons/Yr:	112.90022500000001
SOX - Oxides of Sulphur Tons/Yr:	19.141393140000002
Particulate Matter Tons/Yr:	3.06133690463481
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.7886504620000001

Year:	2011
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.81232969778
Reactive Organic Gases Tons/Yr:	0.36043502484
Carbon Monoxide Emissions Tons/Yr:	227.80140949
NOX - Oxides of Nitrogen Tons/Yr:	115.18787007
SOX - Oxides of Sulphur Tons/Yr:	7.5913148041
Particulate Matter Tons/Yr:	34.970933423
Part. Matter 10 Micrometers and Smllr Tons/Yr:	34.598205636

Year:	2012

THERMAL ENERGY DEVELOPMENT PARTNERSHIP, LP. (Continued) **S113746475**

County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11.159691965
Reactive Organic Gases Tons/Yr:	4.898214131
Carbon Monoxide Emissions Tons/Yr:	113.85121321
NOX - Oxides of Nitrogen Tons/Yr:	120.61607949
SOX - Oxides of Sulphur Tons/Yr:	20.7318648
Particulate Matter Tons/Yr:	29.971685634
Part. Matter 10 Micrometers and Smllr Tons/Yr:	29.678491882

Year:	2013
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10.350266868
Reactive Organic Gases Tons/Yr:	4.709398705
Carbon Monoxide Emissions Tons/Yr:	109.2753972
NOX - Oxides of Nitrogen Tons/Yr:	115.91529696
SOX - Oxides of Sulphur Tons/Yr:	19.8673479
Particulate Matter Tons/Yr:	35.567278944
Part. Matter 10 Micrometers and Smllr Tons/Yr:	33.217813079

A8 Target Property **TRACY OPERATORS**
14800 W. SCHULTE ROAD
TRACY, CA 95376

EMI **S105940079**
N/A

Site 8 of 16 in cluster A

Actual: 127 ft.

EMI:

Year:	1990
County Code:	39
Air Basin:	SJV
Facility ID:	250
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	24
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	111
NOX - Oxides of Nitrogen Tons/Yr:	55
SOX - Oxides of Sulphur Tons/Yr:	29
Particulate Matter Tons/Yr:	24
Part. Matter 10 Micrometers and Smllr Tons/Yr:	20

Year:	1995

TRACY OPERATORS (Continued) **S105940079**

County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	136
NOX - Oxides of Nitrogen Tons/Yr:	71
SOX - Oxides of Sulphur Tons/Yr:	14
Particulate Matter Tons/Yr:	40
Part. Matter 10 Micrometers and Smllr Tons/Yr:	32

Year:	2008
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2009
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD

TRACY OPERATORS (Continued) **S105940079**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	39
Air Basin:	SJV
Facility ID:	21283
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

A9 Target Property **THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP**
14800 WEST SCHULTE ROAD
TRACY, CA 95377

NPDES S119087735
CIWQS N/A

Site 9 of 16 in cluster A

Actual: 127 ft.

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	5S
Regulatory Measure Id:	473517
Order No:	Not reported
Regulatory Measure Type:	Industrial

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (Continued) **S119087735**

Place Id:	Not reported
WDID:	5S39I026646
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	06/02/2016
PROCESSED DATE:	06/21/2016
STATUS CODE NAME:	Active
STATUS DATE:	06/21/2016
PLACE SIZE:	37.96
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Craig Bressan
FACILITY CONTACT TITLE:	Manager EHS
FACILITY CONTACT PHONE:	916-596-2515
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Cbressan@greenleaf-power.com
OPERATOR NAME:	Thermal Energy Development Partnership LP
OPERATOR ADDRESS:	14800 West Schulte Road
OPERATOR CITY:	Tracy
OPERATOR STATE:	California
OPERATOR ZIP:	95377
OPERATOR CONTACT NAME:	Craig Bressan
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	916-596-2515
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Cbressan@greenleaf-power.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	209-835-6918
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (Continued) **S119087735**

CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Delta Mendota Levee
CERTIFIER NAME:	Craig Bressan
CERTIFIER TITLE:	EHS Manager
CERTIFICATION DATE:	02-JUN-16
PRIMARY SIC:	4911-Electric Services
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	5S
Regulatory Measure Id:	473517
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	5S39I026646
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/21/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Thermal Energy Development Partnership LP
Discharge Address:	14800 West Schulte Road
Discharge City:	Tracy
Discharge State:	California
Discharge Zip:	95377
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported

THERMAL ENERGY DEVELOPMENT PARTNERSHIP LP (Continued) **S119087735**

DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

CIWQS:

Agency:	Thermal Energy Development Partnership LP
Agency Address:	14800 West Schulte Road, Tracy, CA 95377
Place/Project Type:	Industrial - Electric Services
SIC/NAICS:	4911
Region:	5S
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	5S39I026646
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	06/21/2016
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.71987
Longitude:	-121.49048

A10 Target Property | **TRACY BIOMASS PLANT**
14800 W. SCHULTE ROAD
TRACY, CA 95376 | **RMP** | **1011839857**
N/A

Site 10 of 16 in cluster A

Actual: 127 ft.

RMP:

Facility ID:	3887
LEPC city:	None
Facility decimal latitude:	37.721667
Facility decimal longitude:	-121.491111
Is facility in county box:	T
LatLong method:	I1
LatLong description:	PG
Home page web address:	Not reported
Facility telephone:	Not reported
Facility email:	tracy_operators@sprynet.com
Facility DUNS #:	605609940
Parent's name:	TRACY OPERATORS
Partner's name:	Not reported
Parent's DUNS #:	605609940
Partner's DUNS #:	0
Operator's name:	TRACY OPERATORS
Operator's telephone:	2098356914
Operator's address:	P.O. BOX 1209
Operators City,St,Zip:	TRACY, CA 95378 1209
RMP implementation contact:	BRIAN PILLITTERE
RMP contact title:	PLANT OPERATIONS SUPERINTENDENT
Emergency contact:	BRIAN PILLITTERE
Emergency contact title:	PLANT OPERATIONS SUPERINTENDENT
Emergency contact telephone:	2098356914
24 hour emergency telephone:	2098356914
Emergency contact ext/pin #:	Not reported
Number of full time employees:	22
EPA ID:	CAL000042561
Facility ID provided by CEPPO:	100000048833
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	T
Clean air op. permit/State ID:	Not issued yet.
Last safety insp. dat:	1998-12-16 00:00:00
Inspected by:	State environmental agency
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	False
Submission type:	First Time
RMP description:	Not reported
Facility has no accident hist. recs:	True
Foreign owner's address:	Not reported
Foreign owner's zip:	Not reported
Foreign owner's country:	Not reported
Claim # of employees as CBI:	False
Date RMP accepted by EPA:	1999-06-23 00:00:00
Date of error Report:	Not reported
Date RMP received:	1999-06-17 00:00:00
Does RMP contain graphics files:	False
Does RMP contain attachments:	False
Was certification letter received:	True
RMP submission method:	RMP*Submit
Does RMP contain CBI substantiation:	False

TRACY BIOMASS PLANT (Continued) **1011839857**

Does RMP contain electronic waiver: False
Date RMP postmarked: 1999-06-15 00:00:00
Is RMP complete: True
Date of de-registration: 2003-05-20 00:00:00
Date de-registration is effective: 2003-04-25 00:00:00
Aniversary date: 2004-06-15 00:00:00
Does RMP contain CBI data: False
Does RMP contain unsanitized CBI version: False
RMP version #: 1.1.5
FRS latitude: 37.721800000000002
FRS longitude: -121.50579999999999
FRS Description: PLANT ENTRANCE (GENERAL)
FRS Method: ADDRESS MATCHING-HOUSE NUMBER

RMP:
Process ID: 4503
NA & Industry Classification Sys.code(s): 221119
NAICS code description: Other Electric Power Generation
Optional facility description: Not reported
Program level: 3
Record contains CBI data: False

RMP:
Chemical name: Public OCA Chemical
Process chemical qty in 100s lbs: 0
Process flammable chemical name: Not reported

RMP:
Percent weight of chemical: Not reported
Physical state: a
Analytical basic: EPA's RMP*Comp(TM)
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: 3
Stability class: D
Topography: b
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Not reported

RMP:
Percent weight of chemical: Not reported
Physical state: a
Analytical basic: EPA's RMP*Comp(TM)
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: 10
Release rate in pounds per second: Not reported
Wind speed in meters/second: 1.5
Stability class: F
Topography: b
Distance to endpoint in miles: Not reported
Residential population: Not reported

TRACY BIOMASS PLANT (Continued) **1011839857**

Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported

RMP:
Endpoint used: Not reported
LFL value: Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Not reported

RMP:
Analytical basic: Not reported
Quantity released in pounds: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Safety review date: Not reported
Most recent PHA date: Not reported
Process Hazard Analysis: Not reported
Expected PHA changes completion date: Not reported
Major Hazard: Not reported
Process Control: Not reported
Mitigation Systems: Not reported
Monitoring/Detection: Not reported
Changes since the last process hazard analysis: Not reported
Most recent review of op. procedures: Not reported
Most recent training progs review/update: Not reported
Training: Not reported
Competency testing: Not reported
Most recent maintenance review date: Not reported
Most recent equipment inspection date: Not reported
Equipment tested: Not reported
Most recent changes by mgmt: Not reported
Date of most recent review/update: Not reported
Date of pre-start review: Not reported
Most recent compliance audit date: Not reported
Expected date of audit completion: Not reported
Most recent incident investigation: Not reported
Expected date of investigation changes: Not reported
Date of participation plan review: Not reported
Date of hot work permit review: Not reported
Date of contractor safety review: Not reported
Date of contractor safety eval. review: Not reported
Record has CBI data: Not reported
Safety review date: Not reported
Federal Regulation: Not reported
Federal regulation comment: Not reported
Major Hazard: Not reported
Process Control: Not reported

TRACY BIOMASS PLANT (Continued) **1011839857**

Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Ammonia (anhydrous)
Process chemical qty in 100s lbs:	60000
Process flammable chemical name:	Not reported

RMP:

Percent weight of chemical:	Not reported
Physical state:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	Not reported
Stability class:	Not reported
Topography:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported

RMP:

Percent weight of chemical:	Not reported
Physical state:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	Not reported
Stability class:	Not reported
Topography:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported

RMP:

Endpoint used:	Not reported

TRACY BIOMASS PLANT (Continued) **1011839857**

LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported

RMP:

Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported

TRACY BIOMASS PLANT (Continued) **1011839857**

Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported

RMP:

ER plan:	Not reported
ER plan most recent review date:	1999-01-07 00:00:00
ER plan most recent employee training date:	1999-01-22 00:00:00
Local agency coordinating ER plan:	TRACY FIRE DISTRICT
Telephone of the coordinating local agency:	2098351883
Federal regulation:	True
OSHA 1910 120:	True
SPCC:	True
RCRA:	True
OPA 90:	False
EPCRA:	True
Other Regulations:	Not reported

A11 Target Property **TRACY BIOMASS POWER PROJECT** **CERS** **S121764223**
14800 W. SCHULTE RD **N/A**
TRACY, CA 95376

Site 11 of 16 in cluster A

Actual: 127 ft.

CERS TANKS:

Site ID:	347903
CERS ID:	266210
CERS Description:	Waste Discharge Requirements

A12 Target Property **THERMAL ENERGY DEVELOP PSHIP** **CERS** **S121748289**
14800 W SCHULTE RD **CERS HAZ WASTE** **N/A**
TRACY, CA 95377 **CERS TANKS**

Site 12 of 16 in cluster A

Actual: 127 ft.

CERS TANKS:

Site ID:	161216
CERS ID:	10181629
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-10-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No violations noted at the time of the inspection. Consent to perform the inspection, take photos and collect samples was given by
Eval Division:	San Joaquin County Environmental Health

THERMAL ENERGY DEVELOP PSHIP (Continued) **S121748289**

Eval Program:	CalARP
Eval Source:	CERS

Coordinates:

Site ID:	161216
Facility Name:	THERMAL ENERGY DEVELOP PSHIP
Env Int Type Code:	CalARP
Program ID:	10181629
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.719868
Longitude:	-121.490479

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420

Affiliation Type Desc:	Document Preparer
Entity Name:	Tom Baker
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Craig Bressan
Entity Title:	Not reported
Affiliation Address:	2600 Capitol Ave Suite 430
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95816
Affiliation Phone:	(916) 849-6090

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	14800 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95377-8795
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Craig Bressan

THERMAL ENERGY DEVELOP PSHIP (Continued) **S121748289**

Entity Title:	EH&S Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	THERMAL ENERGY DEVELOP PSHIP
Entity Title:	Not reported
Affiliation Address:	14800 W SCHULTE RD
Affiliation City:	Tracy
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95377
Affiliation Phone:	(209) 835-6914

Affiliation Type Desc:	Operator
Entity Name:	THERMAL ENERGY DEVELOP PSHIP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 835-6923

Affiliation Type Desc:	Parent Corporation
Entity Name:	THERMAL ENERGY DEVELOP PSHIP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	Tom Baker
Entity Title:	Maintenance Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 834-6766

Affiliation Type Desc:	Property Owner
Entity Name:	Greenleaf Power LLC
Entity Title:	Not reported
Affiliation Address:	2600 Capitol Ave
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95816
Affiliation Phone:	(916) 596-2500

THERMAL ENERGY DEVELOP PSHIP (Continued) **S121748289**

Affiliation Type Desc:	Secondary Emergency Contact
Entity Name:	Craig Bressan
Entity Title:	EH&S Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(916) 849-6090

CERS HAZ WASTE:

Site ID:	161216
CERS ID:	10181629
CERS Description:	Hazardous Chemical Management

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-10-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No violations noted at the time of the inspection. Consent to perform the inspection, take photos and collect samples was given by
Eval Division:	San Joaquin County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

Coordinates:

Site ID:	161216
Facility Name:	THERMAL ENERGY DEVELOP PSHIP
Env Int Type Code:	CalARP
Program ID:	10181629
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.719868
Longitude:	-121.490479

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420

Affiliation Type Desc:	Document Preparer
Entity Name:	Tom Baker
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

THERMAL ENERGY DEVELOP PSHIP (Continued) **S121748289**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Craig Bressan
Entity Title:	Not reported
Affiliation Address:	2600 Capitol Ave Suite 430
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95816
Affiliation Phone:	(916) 849-6090
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	14800 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95377-8795
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Craig Bressan
Entity Title:	EH&S Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	THERMAL ENERGY DEVELOP PSHIP
Entity Title:	Not reported
Affiliation Address:	14800 W SCHULTE RD
Affiliation City:	Tracy
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95377
Affiliation Phone:	(209) 835-6914
Affiliation Type Desc:	Operator
Entity Name:	THERMAL ENERGY DEVELOP PSHIP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 835-6923
Affiliation Type Desc:	Parent Corporation
Entity Name:	THERMAL ENERGY DEVELOP PSHIP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

THERMAL ENERGY DEVELOP PSHIP (Continued) **S121748289**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	Tom Baker
Entity Title:	Maintenance Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 834-6766
Affiliation Type Desc:	Property Owner
Entity Name:	Greenleaf Power LLC
Entity Title:	Not reported
Affiliation Address:	2600 Capitol Ave
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95816
Affiliation Phone:	(916) 596-2500
Affiliation Type Desc:	Secondary Emergency Contact
Entity Name:	Craig Bressan
Entity Title:	EH&S Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(916) 849-6090

Site ID:	161216
CERS ID:	10181629
CERS Description:	Hazardous Waste Generator

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-10-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No violations noted at the time of the inspection. Consent to perform the inspection, take photos and collect samples was given by
Eval Division:	San Joaquin County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

Coordinates:

Site ID:	161216
Facility Name:	THERMAL ENERGY DEVELOP PSHIP
Env Int Type Code:	CalARP
Program ID:	10181629
Coord Name:	Not reported

THERMAL ENERGY DEVELOP PSHIP (Continued) **S121748289**

Ref Point Type Desc:	Unknown
Latitude:	37.719868
Longitude:	-121.490479

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420

Affiliation Type Desc:	Document Preparer
Entity Name:	Tom Baker
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Craig Bressan
Entity Title:	Not reported
Affiliation Address:	2600 Capitol Ave Suite 430
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95816
Affiliation Phone:	(916) 849-6090

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	14800 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95377-8795
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Craig Bressan
Entity Title:	EH&S Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	THERMAL ENERGY DEVELOP PSHIP

THERMAL ENERGY DEVELOP PSHIP (Continued) **S121748289**

Entity Title:	Not reported
Affiliation Address:	14800 W SCHULTE RD
Affiliation City:	Tracy
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95377
Affiliation Phone:	(209) 835-6914

Affiliation Type Desc:	Operator
Entity Name:	THERMAL ENERGY DEVELOP PSHIP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 835-6923

Affiliation Type Desc:	Parent Corporation
Entity Name:	THERMAL ENERGY DEVELOP PSHIP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	Tom Baker
Entity Title:	Maintenance Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 834-6766

Affiliation Type Desc:	Property Owner
Entity Name:	Greenleaf Power LLC
Entity Title:	Not reported
Affiliation Address:	2600 Capitol Ave
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95816
Affiliation Phone:	(916) 596-2500

Affiliation Type Desc:	Secondary Emergency Contact
Entity Name:	Craig Bressan
Entity Title:	EH&S Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(916) 849-6090

THERMAL ENERGY DEVELOP PSHIP (Continued) **S121748289**

CERS TANKS:

Site ID:	161216
CERS ID:	10181629
CERS Description:	Aboveground Petroleum Storage

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-10-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No violations noted at the time of the inspection. Consent to perform the inspection, take photos and collect samples was given by
Eval Division:	San Joaquin County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

Coordinates:

Site ID:	161216
Facility Name:	THERMAL ENERGY DEVELOP PSHIP
Env Int Type Code:	CalARP
Program ID:	10181629
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.719868
Longitude:	-121.490479

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420
Affiliation Type Desc:	Document Preparer
Entity Name:	Tom Baker
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Craig Bressan
Entity Title:	Not reported
Affiliation Address:	2600 Capitol Ave Suite 430
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95816
Affiliation Phone:	(916) 849-6090

THERMAL ENERGY DEVELOP PSHIP (Continued) **S121748289**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	14800 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95377-8795
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Craig Bressan
Entity Title:	EH&S Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	THERMAL ENERGY DEVELOP PSHIP
Entity Title:	Not reported
Affiliation Address:	14800 W SCHULTE RD
Affiliation City:	Tracy
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95377
Affiliation Phone:	(209) 835-6914

Affiliation Type Desc:	Operator
Entity Name:	THERMAL ENERGY DEVELOP PSHIP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 835-6923

Affiliation Type Desc:	Parent Corporation
Entity Name:	THERMAL ENERGY DEVELOP PSHIP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	Tom Baker
Entity Title:	Maintenance Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

THERMAL ENERGY DEVELOP PSHIP (Continued) **S121748289**

Affiliation Zip:	Not reported
Affiliation Phone:	(209) 834-6766
Affiliation Type Desc:	Property Owner
Entity Name:	Greenleaf Power LLC
Entity Title:	Not reported
Affiliation Address:	2600 Capitol Ave
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95816
Affiliation Phone:	(916) 596-2500
Affiliation Type Desc:	Secondary Emergency Contact
Entity Name:	Craig Bressan
Entity Title:	EH&S Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(916) 849-6090

A13 Target Property **THERMAL ENERGY DEV. CORP, LTD** **EMI** **S105940010**
14800 W SCHULTE RD **N/A**
TRACY, CA 95377

Site 13 of 16 in cluster A

Actual: 127 ft.

EMI:

Year:	1996
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	144
NOX - Oxides of Nitrogen Tons/Yr:	75
SOX - Oxides of Sulphur Tons/Yr:	15
Particulate Matter Tons/Yr:	43
Part. Matter 10 Micrometers and Smllr Tons/Yr:	35
Year:	1997
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1

THERMAL ENERGY DEV. CORP, LTD (Continued) **S105940010**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	144
NOX - Oxides of Nitrogen Tons/Yr:	75
SOX - Oxides of Sulphur Tons/Yr:	15
Particulate Matter Tons/Yr:	43
Part. Matter 10 Micrometers and Smllr Tons/Yr:	35

Year:	1998
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	168
NOX - Oxides of Nitrogen Tons/Yr:	87
SOX - Oxides of Sulphur Tons/Yr:	18
Particulate Matter Tons/Yr:	49
Part. Matter 10 Micrometers and Smllr Tons/Yr:	17

Year:	1999
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	179
NOX - Oxides of Nitrogen Tons/Yr:	92
SOX - Oxides of Sulphur Tons/Yr:	19
Particulate Matter Tons/Yr:	52
Part. Matter 10 Micrometers and Smllr Tons/Yr:	17

Year:	2000
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	189
NOX - Oxides of Nitrogen Tons/Yr:	98
SOX - Oxides of Sulphur Tons/Yr:	20
Particulate Matter Tons/Yr:	53
Part. Matter 10 Micrometers and Smllr Tons/Yr:	18

THERMAL ENERGY DEV. CORP, LTD (Continued) **S105940010**

Year:	2001
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	B
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	210
NOX - Oxides of Nitrogen Tons/Yr:	108
SOX - Oxides of Sulphur Tons/Yr:	22
Particulate Matter Tons/Yr:	58
Part. Matter 10 Micrometers and Smllr Tons/Yr:	50

Year:	2004
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.058208001
Reactive Organic Gases Tons/Yr:	0.465839885
Carbon Monoxide Emissions Tons/Yr:	234.840085
NOX - Oxides of Nitrogen Tons/Yr:	121.6809
SOX - Oxides of Sulphur Tons/Yr:	24.362106
Particulate Matter Tons/Yr:	64.7786076
Part. Matter 10 Micrometers and Smllr Tons/Yr:	55.37719971

Year:	2005
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	184.8372299981340766
NOX - Oxides of Nitrogen Tons/Yr:	95.467259992618118
SOX - Oxides of Sulphur Tons/Yr:	19.18368900000751018
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911

THERMAL ENERGY DEV. CORP, LTD (Continued) **S105940010**

Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.5966391669095136290
Reactive Organic Gases Tons/Yr:	.26575982941347542
Carbon Monoxide Emissions Tons/Yr:	140.2750412644756324
NOX - Oxides of Nitrogen Tons/Yr:	108.1936237066579219
SOX - Oxides of Sulphur Tons/Yr:	10.79715250996449887
Particulate Matter Tons/Yr:	21.68871550469735757
Part. Matter 10 Micrometers and Smllr Tons/Yr:	21.32792802854161917

Year:	2007
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.785654178370045194
Reactive Organic Gases Tons/Yr:	.78684975236025181
Carbon Monoxide Emissions Tons/Yr:	69.63178802201651786
NOX - Oxides of Nitrogen Tons/Yr:	107.4263119663496361
SOX - Oxides of Sulphur Tons/Yr:	15.20338999681124632
Particulate Matter Tons/Yr:	2.825438470935110942
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.57812587619862132

Year:	2008
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.314628328510431631
Reactive Organic Gases Tons/Yr:	.57901640010555088
Carbon Monoxide Emissions Tons/Yr:	95.34468260107383159
NOX - Oxides of Nitrogen Tons/Yr:	113.5845876021243634
SOX - Oxides of Sulphur Tons/Yr:	19.14139593000704794
Particulate Matter Tons/Yr:	3.061386150760343520
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.788695827557009657

Year:	2014
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.1729388443
Reactive Organic Gases Tons/Yr:	4.1683589714
Carbon Monoxide Emissions Tons/Yr:	97.308358953

THERMAL ENERGY DEV. CORP, LTD (Continued) **S105940010**

NOX - Oxides of Nitrogen Tons/Yr:	102.73655776
SOX - Oxides of Sulphur Tons/Yr:	17.800211883
Particulate Matter Tons/Yr:	31.265740488
Part. Matter 10 Micrometers and Smllr Tons/Yr:	29.330971995

Year:	2015
County Code:	39
Air Basin:	SJV
Facility ID:	1026
Air District Name:	SJU
SIC Code:	4911
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.0075924871941
Reactive Organic Gases Tons/Yr:	0.00667
Carbon Monoxide Emissions Tons/Yr:	0.01766
NOX - Oxides of Nitrogen Tons/Yr:	0.081732281
SOX - Oxides of Sulphur Tons/Yr:	2.868e-005
Particulate Matter Tons/Yr:	0.0058913934426
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.00575

A14 **OWENS-BROCKWAY GLASS CONTAINER FACILITY**** **CPS-SLIC** **S106230473**
14700 SHULTE RD W **N/A**
< 1/8 **TRACY, CA**
1 ft.

Site 14 of 16 in cluster A

Relative: Higher
Actual: 129 ft.

SLIC REG 5:

Region:	5
Facility Status:	Preliminary Assessment
Unit:	Facility is a Spill or site
Pollutant:	TPH
Lead Agency:	Not reported
Date Filed:	10/04/02
Report Date:	/ /
Date Added:	Not reported
Date Closed:	Not reported

A15 **OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22** **RCRA-LQG** **1000319784**
14700 W SCHULTE RD **LUST** **95376WNSLL14700**
< 1/8 **TRACY, CA 95377** **CPS-SLIC**
1 ft. **HIST UST**

Site 15 of 16 in cluster A **TRIS**
ICIS
US AIRS
HIST CORTESE
WDS
CERS

Relative: Higher
Actual: 129 ft.

RCRA-LQG:

Date form received by agency:	02/25/2016
Facility name:	OWENS-BROCKWAY GLASS CONTAINER INC.
Facility address:	14700 W SCHULTE ROAD TRACY, CA 95377
EPA ID:	CAD009146929

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Mailing address:	W SCHULTE ROAD TRACY, CA 95377
Contact:	KELLY YOUNG
Contact address:	W SCHULTE ROAD TRACY, CA 95377
Contact country:	US
Contact telephone:	209-836-8296
Contact email:	KELLY.YOUNG@O-I.COM
EPA Region:	09
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	OWENS-BROCKWAY GLASS CONTAINER INC.
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/15/1961
Owner/Op end date:	Not reported

Owner/operator name:	OWENS-BROCKWAY GLASS CONTAINER INC.
Owner/operator address:	MICHAEL OWENS WAY PERRYSBURG, OH 43551
Owner/operator country:	US
Owner/operator telephone:	567-336-2000
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/15/1961
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 151
. Waste name: Asbestos-containing waste

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 223
. Waste name: Unspecified oil-containing waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 03/01/2014
Site name: OWENS-BROCKWAY GLASS CONTAINER INC

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/05/2012
Site name: OWENS - BROCKWAY GLASS CONTAINER INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 06/15/2010
Site name: OWENS-BROCKWAY GLASS CONTAINER
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/29/2008
Site name: OWENS-BROCKWAY GLASS CONTAINER
Classification: Large Quantity Generator

. Waste code: D001

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

. Waste name: IGNITABLE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/27/2006
Site name: OWNS-BROCKWAY GLASS CONTAINER
Classification: Small Quantity Generator

Date form received by agency: 02/27/2006
Site name: OWNS-BROCKWAY GLASS CONTAINER
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Date form received by agency: 02/25/2004
Site name: OWENS-BROCKWAY GLASS CONTAINERS INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/14/2002
Site name: OWENS-BROCKWAY GLASS CONTAINER INC
Classification: Large Quantity Generator

Date form received by agency: 02/11/1998
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 09/01/1996
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 03/30/1996
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 03/15/1994
Site name: OWENS ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 02/18/1992
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Date form received by agency: 04/12/1990
Site name: OWENS-ILLINOIS GLASS CONTAINER INC
Classification: Large Quantity Generator

Date form received by agency: 08/15/1980
Site name: OWENS-ILLINOIS GLASS CONTAINER
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 167.5

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 22000

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 576460

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 609260

Waste code: D008
Waste name: LEAD
Amount (Lbs): 609260

Waste code: D010
Waste name: SELENIUM
Amount (Lbs): 32800

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 167.5

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 167.5

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/14/2016
Date achieved compliance: 07/25/2016
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/14/2016
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/14/2016
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 04/14/2016
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 04/14/2016
Date achieved compliance: 07/25/2016
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/08/2004
Date achieved compliance: 02/05/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/08/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1600
Final penalty amount: 1600
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1600

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Final penalty amount: 1600
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/29/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1600
Final penalty amount: 1600
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/14/2016
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/14/2016
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Manifest
Date achieved compliance: 07/25/2016
Evaluation lead agency: State

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Evaluation date: 04/14/2016
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 07/25/2016
Evaluation lead agency: State

Evaluation date: 04/14/2016
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Records/Reporting
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/14/2016
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/08/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/05/2004
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/18/1993
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/20/1993
Evaluation lead agency: State

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/20/1993
Evaluation lead agency: State

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/20/1993
Evaluation lead agency: State

LUST:
Lead Agency: SAN JOAQUIN COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700651
Global Id: T0607700651
Latitude: 37.7200741
Longitude: -121.4786183
Status: Completed - Case Closed
Status Date: 06/17/2002
Case Worker: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

RB Case Number: 390822
Local Agency: Not reported
File Location: Not reported
Local Case Number: 0000849
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607700651
Contact Type: Regional Board Caseworker
Contact Name: Alan Buehler
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: alan.buehler@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0607700651
Action Type: Other
Date: 02/08/1994
Action: Leak Reported

Global Id: T0607700651
Action Type: ENFORCEMENT
Date: 06/03/2002
Action: Closure/No Further Action Letter

Global Id: T0607700651
Action Type: Other
Date: 05/07/1986
Action: Leak Discovery

LUST:
Global Id: T0607700651
Status: Open - Case Begin Date
Status Date: 05/07/1986

Global Id: T0607700651
Status: Completed - Case Closed
Status Date: 06/17/2002

LUST REG 5:
Region: 5
Status: Case Closed
Case Number: 390822
Case Type: Undefined
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local
Program: LUST
MTBE Code: N/A

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/05/2002
Global Id:	SL0607719504
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	Not reported
Latitude:	37.721622
Longitude:	-121.48892
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000002264
Facility Type:	Other
Other Type:	GLASS MANUFACTURING
Contact Name:	ERNEST F. VALIS
Telephone:	2098355701
Owner Name:	OI GLASS CONTAINER STS INC
Owner Address:	14700 W. SCHULTE ROAD
Owner City,St,Zip:	TRACY, CA 95376
Total Tanks:	0003
Tank Num:	001
Container Num:	2
Year Installed:	1977
Tank Capacity:	00042000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual
Tank Num:	002
Container Num:	1
Year Installed:	1960
Tank Capacity:	00027300
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual
Tank Num:	003
Container Num:	3
Year Installed:	1977
Tank Capacity:	00003150

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 6
Leak Detection: Visual

TRIS:

Click this hyperlink while viewing on your computer to access
3 additional US_TRIS: record(s) in the EDR Site Report.

ICIS:

Enforcement Action ID: CASJVA3000000000000003205
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA3000000000000003131
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA3000000000000003124
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000002948
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000002885
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000002816
FRS ID:	110000485421
Action Name:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000002743
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000002643
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Enforcement Action ID:	CASJVA3000000000000002623
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000002594
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000002559
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA3000000000000002545
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA3000000000000002535
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA3000000000000002416
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA3000000000000002330
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA3000000000000002307
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA3000000000000002287
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000002177
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000002158
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000001253
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA3000000000000001251
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA3000000000000001230
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA3000000000000000159
FRS ID: 110000485421
Action Name: Not reported
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

	TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000000157
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD
	TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA3000000000000000136
FRS ID:	110000485421
Action Name:	Not reported
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD
	TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300584
FRS ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Action Name:	OWENS BROCKWAY GLASS 06077N059300584
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300581
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300581
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300539
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300539
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Enforcement Action ID:	CASJVA000006077N059300534
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300534
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300509
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300509
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300508
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300508
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300504
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300504
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300502
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300502
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300474
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300474
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300471
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300471
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300467
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300467
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300462
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300462
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300452
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300452
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300451
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300451
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300448
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300448
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300446
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300446
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300440
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300440
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300438
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300438
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

	TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300428
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300428
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD
	TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300427
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300427
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD
	TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300426
FRS ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Action Name:	OWENS BROCKWAY GLASS 06077N059300426
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300422
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300422
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300420
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300420
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Enforcement Action ID:	CASJVA000006077N059300418
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300418
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300410
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300410
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300409
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300409
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility NAICS Code:	327213
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N059300407
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300407
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N059300405
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300405
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N059300378
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300378
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300377
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300377
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300376
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300376
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300374
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300374
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300372
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300372
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300370
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300370
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300343
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300343
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300342
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300342
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300340
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300340
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300338
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300338
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

	TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300335
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300335
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD
	TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300332
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300332
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD
	TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300221
FRS ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Action Name:	OWENS BROCKWAY GLASS 06077N059300221
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300219
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300219
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300210
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300210
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Enforcement Action ID:	CASJVA000006077N059300208
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300208
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300205
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300205
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300203
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300203
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility NAICS Code:	327213
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N059300197
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300197
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N059300195
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300195
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N059300192
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300192
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300190
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300190
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300187
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300187
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300185
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300185
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300175
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300175
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300173
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300173
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300170
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300170
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300168
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300168
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300165
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300165
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300163
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300163
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

	TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300160
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300160
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD
	TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300158
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300158
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD
	TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300155
FRS ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Action Name:	OWENS BROCKWAY GLASS 06077N059300155
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300153
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300153
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300150
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300150
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Enforcement Action ID:	CASJVA000006077N059300148
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300148
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300145
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300145
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300143
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300143
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility NAICS Code:	327213
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N059300140
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300140
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N059300138
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300138
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported
Enforcement Action ID:	CASJVA000006077N059300135
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300135
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300133
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300133
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300130
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300130
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Administrative Order
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3221
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.715147
Longitude in Decimal Degrees: -121.49157
Permit Type Desc: Not reported
Program System Acronym: CASJV00006077N0593
Facility NAICS Code: 327213
Tribal Land Code: Not reported

Enforcement Action ID: CASJVA000006077N059300128
FRS ID: 110000485421
Action Name: OWENS BROCKWAY GLASS 06077N059300128
Facility Name: OWENS BROCKWAY GLASS
Facility Address: 14700 W SCHULTE RD
TRACY, CA 95376
Enforcement Action Type: Notice of Violation
Facility County: SAN JOAQUIN
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300125
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300125
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300123
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300123
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300112
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300112
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300110
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300110
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300099
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300099
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300097
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300097
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

	TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300094
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300094
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD
	TRACY, CA 95376
Enforcement Action Type:	Administrative Order
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	CASJVA000006077N059300092
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300092
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD
	TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	09-000F00006077N059300009
FRS ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Action Name:	OWENS BROCKWAY GLASS 06077N059300009
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

Enforcement Action ID:	09-000F00006077N059300005
FRS ID:	110000485421
Action Name:	OWENS BROCKWAY GLASS 06077N059300005
Facility Name:	OWENS BROCKWAY GLASS
Facility Address:	14700 W SCHULTE RD TRACY, CA 95376
Enforcement Action Type:	Notice of Violation
Facility County:	SAN JOAQUIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3221
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.715147
Longitude in Decimal Degrees:	-121.49157
Permit Type Desc:	Not reported
Program System Acronym:	CASJV00006077N0593
Facility NAICS Code:	327213
Tribal Land Code:	Not reported

US AIRS (AFS):

Envid:	1000319784
Region Code:	09
County Code:	CA077
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
D and B Number:	Not reported
Facility Site Name:	OWENS BROCKWAY GLASS
Primary SIC Code:	3221
NAICS Code:	327213
Default Air Classification Code:	MAJ
Facility Type of Ownership Code:	POF
Air CMS Category Code:	TVM
HPV Status:	ADDRESSED HPV

US AIRS (AFS):

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	Not reported
Activity Status Date:	2005-06-07 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	2012-09-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Compliance Investigation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	2010-11-16 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Information Request
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	2014-07-31 00:00:00
Activity Status Date:	2014-12-10 13:13:15
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	1977-12-08 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1985-08-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1986-06-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1986-11-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1986-12-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1987-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1987-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1988-04-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1988-09-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1991-07-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	1993-07-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	1993-09-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	1994-04-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	1995-01-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	1996-05-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1997-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1998-05-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1998-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 1999-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2000-03-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2001-09-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2002-11-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2003-06-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2003-10-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2003-10-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2004-08-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2004-09-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2007-06-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2011-10-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2013-09-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	2005-05-12 00:00:00
Activity Status Date:	2005-05-12 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	1976-06-28 00:00:00
Activity Status Date:	1976-06-28 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	1977-02-01 00:00:00
Activity Status Date:	1977-02-01 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	1998-05-06 00:00:00
Activity Status Date:	1998-05-06 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	New Source Review Permit Requirements
Activity Date:	2004-07-06 00:00:00
Activity Status Date:	2004-07-06 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Operating Permits
Activity Date:	2012-09-21 00:00:00
Activity Status Date:	2012-10-23 18:16:32
Activity Group:	Compliance Monitoring
Activity Type:	Compliance Investigation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Prevention of Significant Deterioration of Air Quality
Activity Date:	Not reported
Activity Status Date:	2005-06-07 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Prevention of Significant Deterioration of Air Quality
Activity Date:	2012-09-21 00:00:00
Activity Status Date:	2012-10-23 18:16:32
Activity Group:	Compliance Monitoring
Activity Type:	Compliance Investigation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Prevention of Significant Deterioration of Air Quality
Activity Date:	2012-09-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Compliance Investigation
Activity Status:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2010-11-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1998-05-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 1998-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2000-03-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2001-09-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2002-11-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2003-06-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2003-10-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2003-10-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Significant Deterioration of Air Quality

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2004-08-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Prevention of Significant Deterioration of Air Quality
Activity Date:	2004-09-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Prevention of Significant Deterioration of Air Quality
Activity Date:	2007-06-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Prevention of Significant Deterioration of Air Quality
Activity Date:	2005-05-12 00:00:00
Activity Status Date:	2005-05-12 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Prevention of Significant Deterioration of Air Quality
Activity Date:	1998-05-06 00:00:00
Activity Status Date:	1998-05-06 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Prevention of Significant Deterioration of Air Quality
Activity Date:	2004-07-06 00:00:00
Activity Status Date:	2004-07-06 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	1994-08-30 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	1996-07-12 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	1996-12-11 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	Not reported
Activity Status Date:	1997-06-10 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 1998-05-01 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 1998-07-16 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 1999-11-16 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2005-06-07 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Compliance Investigation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-09-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Compliance Investigation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-07-31 00:00:00
Activity Status Date: 2014-12-10 13:13:15
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-09-12 00:00:00
Activity Status Date: 2014-11-03 15:21:08
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-09-16 00:00:00
Activity Status Date: 2014-11-03 15:21:08
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2014-09-17 00:00:00
Activity Status Date:	2014-11-03 15:21:08
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-11-12 00:00:00
Activity Status Date:	2014-11-17 18:37:06
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-12-16 00:00:00
Activity Status Date:	2014-12-22 13:13:28
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-12-18 00:00:00
Activity Status Date:	2014-12-22 13:13:29
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-12-29 00:00:00
Activity Status Date:	2015-01-05 14:47:52
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2015-01-13 00:00:00
Activity Status Date:	2015-01-19 13:13:12
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2015-01-14 00:00:00
Activity Status Date:	2015-01-19 13:13:12
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2015-02-02 00:00:00
Activity Status Date:	2015-02-09 13:13:27
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2015-02-17 00:00:00
Activity Status Date:	2015-02-23 13:47:06
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2015-09-02 00:00:00
Activity Status Date:	2015-09-07 11:13:37
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-09-30 00:00:00
Activity Status Date: 2015-10-05 11:17:41
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-10-27 00:00:00
Activity Status Date: 2015-11-02 09:14:09
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-10-27 00:00:00
Activity Status Date: 2015-11-09 12:47:13
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-10-27 00:00:00
Activity Status Date: 2015-11-16 08:14:08
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-11-18 00:00:00
Activity Status Date: 2015-11-30 08:13:21
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-12-24 00:00:00
Activity Status Date: 2015-12-28 08:13:19
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-06-06 00:00:00
Activity Status Date: 2016-07-18 10:20:09
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-06-06 00:00:00
Activity Status Date: 2016-07-18 10:20:23
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-06-06 00:00:00
Activity Status Date: 2016-07-18 10:21:02
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2016-06-06 00:00:00
Activity Status Date:	2016-08-01 08:13:06
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1975-10-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1976-03-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1977-01-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1978-02-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1978-06-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1978-12-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1979-01-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1979-05-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1979-08-14 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1979-12-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-05-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-08-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-12-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-03-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-06-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-09-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-12-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date: 1982-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-06-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-12-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-03-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-06-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-12-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-04-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-11-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-08-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-11-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-06-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-12-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-04-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date: 1988-09-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-09-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-10-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-05-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-07-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-03-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-07-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-09-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-04-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-01-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-05-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-03-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-09-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-11-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date: 2003-06-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-10-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-10-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-08-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-11-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-12-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-04-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-06-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-08-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-04-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-06-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-08-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-08-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-08-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-08-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date: 2007-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-10-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-11-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-03-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-04-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-06-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-06-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-06-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-08-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-09-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-10-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-10-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-11-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-11-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-12-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-12-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-01-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date: 2009-01-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-09-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-09-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-09-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-09-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-09-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-11-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2009-12-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-12-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-01-04 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-01-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-01-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-01-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-01-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-01-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-01-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-01-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-03-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-03-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date: 2010-08-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-09-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-12-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-03-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-08-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-08-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-09-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-10-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-10-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-02-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-02-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-04-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-05-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-05-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-07-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-08-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date: 2012-09-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-09-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-09-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-11-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-11-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-12-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-12-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-12-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-12-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-12-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-01-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-01-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-01-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-01-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-03-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-03-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-03-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date: 2013-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-04-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-04-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-05-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-06-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-06-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-06-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-07-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-07-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-07-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-07-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-07-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-07-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-08-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-08-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-08-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2013-09-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-09-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-09-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-09-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-09-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-09-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-09-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-10-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-10-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-10-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-10-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-11-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-11-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-11-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-12-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-12-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-12-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-12-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-12-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date: 2013-12-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-12-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-01-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-02-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-04-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-04-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-04-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-05-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-06-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date: 2014-07-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-07-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-07-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-07-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-07-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-07-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-07-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-08-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-08-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-07-25 00:00:00
Activity Status Date: 1994-07-25 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-05-21 00:00:00
Activity Status Date: 1996-05-21 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-01-28 00:00:00
Activity Status Date: 1997-01-28 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-05-21 00:00:00
Activity Status Date: 1997-05-21 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-05-01 00:00:00
Activity Status Date: 1998-05-01 00:00:00
Activity Group: Enforcement Action

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-07-16 00:00:00
Activity Status Date: 1998-07-16 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-05-12 00:00:00
Activity Status Date: 2005-05-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-03-12 00:00:00
Activity Status Date: 1994-03-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-12-13 00:00:00
Activity Status Date: 1995-12-13 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	1996-12-07 00:00:00
Activity Status Date:	1996-12-07 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1997-03-13 00:00:00
Activity Status Date:	1997-03-13 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1997-03-18 00:00:00
Activity Status Date:	1997-03-18 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1997-05-25 00:00:00
Activity Status Date:	1997-05-25 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-02-19 00:00:00
Activity Status Date:	1998-02-19 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-02-21 00:00:00
Activity Status Date:	1998-02-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-05-06 00:00:00
Activity Status Date:	1998-05-06 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-07-06 00:00:00
Activity Status Date:	2004-07-06 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Stratospheric Ozone Protection
Activity Date:	2005-08-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-06-08 00:00:00
Activity Status Date:	Not reported
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Addressed

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Case File
Activity Type: Case File
Activity Status: Addressed

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-07-15 00:00:00
Activity Status Date: Not reported
Activity Group: Case File
Activity Type: Case File
Activity Status: Addressed

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-07-28 00:00:00
Activity Status Date: Not reported
Activity Group: Case File
Activity Type: Case File
Activity Status: Addressed

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-12-18 00:00:00
Activity Status Date: Not reported
Activity Group: Case File
Activity Type: Case File
Activity Status: Addressed

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-08-08 00:00:00
Activity Status Date: Not reported
Activity Group: Case File

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Case File
Activity Status:	Addressed

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-02-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-11-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2002-02-21 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2002-05-10 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	Not reported
Activity Status Date:	2003-02-11 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2003-02-18 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2003-03-14 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2003-07-03 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2005-06-07 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2009-05-21 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2009-06-26 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2009-12-17 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2010-05-03 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2010-07-06 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2011-04-27 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2011-07-22 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2011-11-22 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2012-03-29 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2012-08-30 00:00:00
Activity Group:	Case File

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2013-04-08 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2014-01-22 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-09-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Compliance Investigation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-09-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Compliance Investigation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2012-09-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Compliance Investigation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-08-13 00:00:00
Activity Status Date:	2014-11-06 17:08:08
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-09-11 00:00:00
Activity Status Date:	2014-11-07 14:51:21
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-09-12 00:00:00
Activity Status Date:	2014-11-03 15:21:08
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-09-16 00:00:00
Activity Status Date:	2014-11-03 15:21:08
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-09-17 00:00:00
Activity Status Date: 2014-11-03 15:21:08
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-11-12 00:00:00
Activity Status Date: 2014-11-17 18:37:06
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-12-16 00:00:00
Activity Status Date: 2014-12-22 13:13:28
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-12-18 00:00:00
Activity Status Date: 2014-12-22 13:13:29
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-12-29 00:00:00
Activity Status Date: 2015-01-05 14:47:52
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-01-13 00:00:00
Activity Status Date:	2015-01-19 13:13:12
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-01-14 00:00:00
Activity Status Date:	2015-01-19 13:13:12
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-02-02 00:00:00
Activity Status Date:	2015-02-09 13:13:27
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-02-17 00:00:00
Activity Status Date:	2015-02-23 13:47:06
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-07-15 00:00:00
Activity Status Date:	2015-07-21 11:12:59
Activity Group:	Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-08-17 00:00:00
Activity Status Date: 2015-08-27 11:13:03
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-09-02 00:00:00
Activity Status Date: 2015-09-07 11:13:37
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-09-14 00:00:00
Activity Status Date: 2015-09-18 11:13:07
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-09-30 00:00:00
Activity Status Date: 2015-10-05 11:17:41
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2015-10-27 00:00:00
Activity Status Date:	2015-11-02 09:14:09
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-10-27 00:00:00
Activity Status Date:	2015-11-09 12:47:13
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-10-27 00:00:00
Activity Status Date:	2015-11-16 08:14:08
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-11-18 00:00:00
Activity Status Date:	2015-11-30 08:13:21
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-12-24 00:00:00
Activity Status Date:	2015-12-28 08:13:19
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-06-06 00:00:00
Activity Status Date:	2016-07-18 10:20:09
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-06-06 00:00:00
Activity Status Date:	2016-07-18 10:20:19
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-06-06 00:00:00
Activity Status Date:	2016-07-18 10:20:23
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-06-06 00:00:00
Activity Status Date:	2016-07-18 10:20:48
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-06-06 00:00:00
Activity Status Date:	2016-07-18 10:21:02
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-06-06 00:00:00
Activity Status Date: 2016-07-18 10:21:29
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-06-06 00:00:00
Activity Status Date: 2016-07-18 10:21:45
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-06-06 00:00:00
Activity Status Date: 2016-07-18 10:22:08
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-06-06 00:00:00
Activity Status Date: 2016-07-19 11:26:28
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-06-06 00:00:00
Activity Status Date: 2016-08-01 08:13:06
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-08-11 00:00:00
Activity Status Date: 2016-09-02 11:13:25
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-08-11 00:00:00
Activity Status Date: 2016-09-08 11:21:01
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-08-11 00:00:00
Activity Status Date: 2016-09-15 11:21:03
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-08-11 00:00:00
Activity Status Date: 2016-09-22 11:21:05
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2016-08-11 00:00:00
Activity Status Date:	2016-09-29 11:21:05
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-08-11 00:00:00
Activity Status Date:	2016-10-06 11:21:05
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-09-28 00:00:00
Activity Status Date:	2016-09-30 11:13:01
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	1997-03-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	1998-05-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 1999-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2000-03-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2001-09-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-07-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-08-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-11-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-11-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-06-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-08-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-09-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-10-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-10-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-08-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-08-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2004-09-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-02-16 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-08-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-08-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-11-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-12-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-01-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-04-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-06-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2006-08-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-04-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-06-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-08-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-08-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-08-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-08-22 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-09-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-10-16 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2007-11-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2008-03-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-04-08 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-06-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-06-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-06-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-08-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-09-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-10-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-10-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-11-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-11-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-12-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-12-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-01-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-01-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-07-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2009-07-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-07-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-08-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-08-04 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-08-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-08-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-08-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-08-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-08-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-08-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-09-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-09-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-09-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-09-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-09-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-11-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-12-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-12-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-04 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2010-01-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-14 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-01-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-01-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-01-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-01-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-02-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-02-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-03-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-03-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-08-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-09-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-12-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2011-03-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-08-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-08-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-09-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-10-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-02-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-02-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-04-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-05-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-05-08 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-05-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-07-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-08-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-09-04 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-09-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-09-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-11-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2012-11-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-12-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-12-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-12-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-12-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-12-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-01-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-01-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-01-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-01-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-03-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-03-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-03-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-04-16 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-04-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-04-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-05-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2013-05-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-05-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-06-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-06-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-06-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-07-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-07-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-07-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-07-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-07-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-07-15 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-08-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-08-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-08-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-08-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-09-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-09-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-09-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2013-09-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-09-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-09-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-10-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-10-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-10-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-10-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-11-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-11-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-11-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-12-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-12-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-12-04 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-12-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-12-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-12-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-12-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-01-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-02-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2014-02-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-04-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-04-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-04-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-05-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-06-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-06-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-06-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-06-16 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-06-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-06-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-06-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-06-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-07-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-07-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-07-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-07-22 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2014-07-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-07-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-07-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-08-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-08-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-08-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2001-10-04 00:00:00
Activity Status Date:	2001-10-04 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2002-04-08 00:00:00
Activity Status Date:	2002-04-08 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2002-04-10 00:00:00
Activity Status Date:	2002-04-10 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2002-04-11 00:00:00
Activity Status Date:	2002-04-11 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2003-01-16 00:00:00
Activity Status Date:	2003-01-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2003-01-28 00:00:00
Activity Status Date:	2003-01-28 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2003-05-19 00:00:00
Activity Status Date:	2003-05-19 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2003-05-20 00:00:00
Activity Status Date:	2003-05-20 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2005-05-12 00:00:00
Activity Status Date:	2005-05-12 00:00:00
Activity Group:	Enforcement Action

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-03-23 00:00:00
Activity Status Date:	2009-03-23 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-04-02 00:00:00
Activity Status Date:	2009-04-02 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-11-05 00:00:00
Activity Status Date:	2009-11-05 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-04-02 00:00:00
Activity Status Date:	2010-04-02 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2010-04-29 00:00:00
Activity Status Date:	2010-04-29 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-11-22 00:00:00
Activity Status Date:	2010-11-22 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-05-13 00:00:00
Activity Status Date:	2011-05-13 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-07-18 00:00:00
Activity Status Date:	2011-07-18 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-08-02 00:00:00
Activity Status Date:	2011-08-02 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-11-21 00:00:00
Activity Status Date:	2011-11-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-12-13 00:00:00
Activity Status Date:	2011-12-13 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-07-12 00:00:00
Activity Status Date:	2012-07-12 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-02-05 00:00:00
Activity Status Date:	2013-02-05 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-11-26 00:00:00
Activity Status Date:	2013-11-26 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-08-19 00:00:00
Activity Status Date: 2015-08-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-10-14 00:00:00
Activity Status Date: 2015-10-14 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-01-21 00:00:00
Activity Status Date: 2016-01-21 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-03-07 00:00:00
Activity Status Date: 2016-03-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-04-18 00:00:00
Activity Status Date: 2016-04-18 00:00:00
Activity Group: Enforcement Action

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-09-28 00:00:00
Activity Status Date:	2016-09-28 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-09-30 00:00:00
Activity Status Date:	2011-09-30 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-05-27 00:00:00
Activity Status Date:	2014-05-27 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2014-06-19 00:00:00
Activity Status Date:	2014-06-19 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2015-11-17 00:00:00
Activity Status Date:	2015-11-17 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-02-29 00:00:00
Activity Status Date:	2016-02-29 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-03-31 00:00:00
Activity Status Date:	2016-03-31 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2016-06-15 00:00:00
Activity Status Date:	2016-06-15 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Resolved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2000-09-13 00:00:00
Activity Status Date:	2000-09-13 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2000-11-21 00:00:00
Activity Status Date:	2000-11-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2001-06-30 00:00:00
Activity Status Date:	2001-06-30 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2001-07-27 00:00:00
Activity Status Date:	2001-07-27 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2001-08-16 00:00:00
Activity Status Date:	2001-08-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2001-09-11 00:00:00
Activity Status Date:	2001-09-11 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2001-09-23 00:00:00
Activity Status Date:	2001-09-23 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2002-08-16 00:00:00
Activity Status Date:	2002-08-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2002-12-08 00:00:00
Activity Status Date:	2002-12-08 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2002-12-18 00:00:00
Activity Status Date:	2002-12-18 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2004-07-06 00:00:00
Activity Status Date:	2004-07-06 00:00:00
Activity Group:	Enforcement Action

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2008-12-15 00:00:00
Activity Status Date:	2008-12-15 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-01-08 00:00:00
Activity Status Date:	2009-01-08 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2009-09-24 00:00:00
Activity Status Date:	2009-09-24 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-01-22 00:00:00
Activity Status Date:	2010-01-22 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Date:	2010-09-08 00:00:00
Activity Status Date:	2010-09-08 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-09-28 00:00:00
Activity Status Date:	2010-09-28 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-10-04 00:00:00
Activity Status Date:	2010-10-04 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2010-12-22 00:00:00
Activity Status Date:	2010-12-22 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-04-18 00:00:00
Activity Status Date:	2011-04-18 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-04-21 00:00:00
Activity Status Date:	2011-04-21 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-05-25 00:00:00
Activity Status Date:	2011-05-25 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-08-17 00:00:00
Activity Status Date:	2011-08-17 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2011-10-03 00:00:00
Activity Status Date:	2011-10-03 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-05-15 00:00:00
Activity Status Date:	2012-05-15 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2012-12-24 00:00:00
Activity Status Date:	2012-12-24 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-08-07 00:00:00
Activity Status Date:	2013-08-07 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-11-20 00:00:00
Activity Status Date:	2013-11-20 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-06-10 00:00:00
Activity Status Date:	2015-06-10 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	09
Programmatic ID:	AIR CASJV00006077N0593
Facility Registry ID:	110000485421
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-06-25 00:00:00
Activity Status Date:	2015-06-25 00:00:00
Activity Group:	Enforcement Action

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-07-20 00:00:00
Activity Status Date: 2015-07-20 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-12-23 00:00:00
Activity Status Date: 2015-12-23 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-03-14 00:00:00
Activity Status Date: 2016-03-14 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASJV00006077N0593
Facility Registry ID: 110000485421
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-08-16 00:00:00
Activity Status Date: 2016-08-16 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

HIST CORTESE:
Region: CORTESE
Facility County Code: 39
Reg By: LTNKA
Reg Id: 390822

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

WDS:

Facility ID:	Sacramento-San Joaquin Delta 392023001
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	0
Facility Telephone:	2098355701
Facility Contact:	JIM HAMRICK
Agency Name:	OWENS-BROCKWAY
Agency Address:	6150 STONERIDGE MALL STE.375
Agency City,St,Zip:	PLEASANTON 94588
Agency Contact:	ROBERT NEAL
Agency Telephone:	4154637950
Agency Type:	Private
SIC Code:	3221
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

CERS TANKS:

Site ID:	187995
CERS ID:	SL0607719504
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	zzz - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not reported
Affiliation Address:	11020 SUN CENTER DRIVE #200
Affiliation City:	RANCHO CORDOVA

OWENS-BROCKWAY GLASS CONTAINER INC PLANT #22 (Continued) **1000319784**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Site ID:	236341
CERS ID:	T0607700651
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Alan Buehler - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not reported
Affiliation Address:	11020 SUN CENTER DRIVE #200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A16 **OWENS BROCKWAY** **AST** **A100338183**
14700 W SCHULTE **N/A**
< 1/8 **TRACY, CA**
1 ft.

Site 16 of 16 in cluster A

Relative: Higher
Actual: 129 ft.

AST:

Certified Unified Program Agencies:	San Joaquin
Owner:	OWENS BROCKWAY
Total Gallons:	2,078
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

B17 NE < 1/8 0.006 mi. 30 ft. | **OWENS-BROCKWAY GLASS CONTAINER INC**
14700 W SCHULTE RD
TRACY, CA 95376 | **UST** | **U004273711**
N/A

Site 1 of 5 in cluster B

Relative: Lower

Actual: 114 ft.

UST SAN JOAQUIN:

Region:	SJ
Facility Id:	FA0006674
Mail Address:	14700 W SCHULTE RD
Mail Address 2:	Not reported
Mail Care of:	Bill Boscacci
Mail City,St,Zip:	TRACY, CA 95376

Tank Rec ID:	Not reported
Tank Number:	1
Tank Status:	02 - Inactive, non-billable
Tank Capacity:	27300
Product Type Desc:	1a - REGULAR UNLEADED
Program Element:	2380
Decode for Program Element:	2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form:	(none)
CAS#:	Not reported
CERS ID:	10153919
Cross Ref Tank ID:	Not reported
LEA ID:	9
Common Name:	Not reported
Date Installed:	Not reported
Date of Closure:	Not reported
Latitude:	37.7215545362
Longitude:	-121.4902433392

Tank Rec ID:	Not reported
Tank Number:	2
Tank Status:	02 - Inactive, non-billable
Tank Capacity:	42000
Product Type Desc:	1a - REGULAR UNLEADED
Program Element:	2380
Decode for Program Element:	2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form:	(none)
CAS#:	Not reported
CERS ID:	10153919
Cross Ref Tank ID:	Not reported
LEA ID:	9
Common Name:	Not reported
Date Installed:	Not reported
Date of Closure:	Not reported
Latitude:	37.7215545362
Longitude:	-121.4902433392

Tank Rec ID:	Not reported
Tank Number:	3
Tank Status:	02 - Inactive, non-billable
Tank Capacity:	1460
Product Type Desc:	1a - REGULAR UNLEADED
Program Element:	2380
Decode for Program Element:	2380 - ADDITIONAL EXISTING UST - obsolete

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **U004273711**

Chemical Form:	(none)
CAS#:	Not reported
CERS ID:	10153919
Cross Ref Tank ID:	Not reported
LEA ID:	9
Common Name:	Not reported
Date Installed:	Not reported
Date of Closure:	Not reported
Latitude:	37.7215545362
Longitude:	-121.4902433392

Tank Rec ID:	Not reported
Tank Number:	4
Tank Status:	02 - Inactive, non-billable
Tank Capacity:	450
Product Type Desc:	1a - REGULAR UNLEADED
Program Element:	2380
Decode for Program Element:	2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form:	(none)
CAS#:	Not reported
CERS ID:	10153919
Cross Ref Tank ID:	Not reported
LEA ID:	9
Common Name:	Not reported
Date Installed:	Not reported
Date of Closure:	Not reported
Latitude:	37.7215545362
Longitude:	-121.4902433392

B18 **OWENS ILLINOIS INC TRACY PLANT** **SWEEPS UST** **S101593081**
NE **14700 W SCHULTE RD** **CA FID UST** **N/A**
< 1/8 **TRACY, CA 95376** **EMI**
0.006 mi.
30 ft. **Site 2 of 5 in cluster B**

Relative:
Lower

Actual:
114 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	1965
Number:	Not reported
Board Of Equalization:	44-024944
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	39-000-001965-000001
Tank Status:	Not reported
Capacity:	27300
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	LUBRICUTING
Number Of Tanks:	4

Status:	Not reported
Comp Number:	1965
Number:	Not reported
Board Of Equalization:	44-024944

OWENS ILLINOIS INC TRACY PLANT (Continued) **S101593081**

Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001965-000002
Tank Status: Not reported
Capacity: 42000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: LUBRICUTING
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1965
Number: Not reported
Board Of Equalization: 44-024944
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001965-000003
Tank Status: Not reported
Capacity: 3150
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1965
Number: Not reported
Board Of Equalization: 44-024944
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001965-000004
Tank Status: Not reported
Capacity: 450
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 39001820
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2098355701
Mail To: Not reported
Mailing Address: P O BOX 30
Mailing Address 2: Not reported

OWENS ILLINOIS INC TRACY PLANT (Continued) **S101593081**

Mailing City,St,Zip:	TRACY 95376
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

EMI:

Year:	1987
County Code:	39
Air Basin:	SJV
Facility ID:	17
Air District Name:	SJU
SIC Code:	3221
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	25
NOX - Oxides of Nitrogen Tons/Yr:	852
SOX - Oxides of Sulphur Tons/Yr:	236
Particulate Matter Tons/Yr:	87
Part. Matter 10 Micrometers and Smllr Tons/Yr:	82

Year:	1990
County Code:	39
Air Basin:	SJV
Facility ID:	17
Air District Name:	SJU
SIC Code:	3221
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	22
NOX - Oxides of Nitrogen Tons/Yr:	822
SOX - Oxides of Sulphur Tons/Yr:	319
Particulate Matter Tons/Yr:	94
Part. Matter 10 Micrometers and Smllr Tons/Yr:	90

Year:	1995
County Code:	39
Air Basin:	SJV
Facility ID:	593
Air District Name:	SJU
SIC Code:	3221
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	19
NOX - Oxides of Nitrogen Tons/Yr:	785

OWENS ILLINOIS INC TRACY PLANT (Continued) **S101593081**

SOX - Oxides of Sulphur Tons/Yr: 288
Particulate Matter Tons/Yr: 96
Part. Matter 10 Micrometers and Smllr Tons/Yr: 91

B19 **OWENS-BROCKWAY GLASS CONTAINER INC** **AST** **A100423054**
NE **14700 W SCHULTE RD** **N/A**
< 1/8 **TRACY, CA 95376**
0.006 mi.
30 ft. **Site 3 of 5 in cluster B**

Relative:
Lower

Actual:
114 ft.

AST:

Certified Unified Program Agencies:	Not reported
Owner:	OWENS-ILLINOIS INC
Total Gallons:	Not reported
CERSID:	10153919
Facility ID:	FA0003020
Business Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Phone:	209-836-8269
Fax:	209-836-0707
Mailing Address:	14700 W SCHULTE RD
Mailing Address City:	TRACY
Mailing Address State:	CA
Mailing Address Zip Code:	Not reported
Operator Name:	Bill Boscacci
Operator Phone:	209-836-8269
Owner Phone:	5673365000
Owner Mail Address:	ONE MICHAEL OWENS WAY
Owner State:	OH
Owner Zip Code:	Not reported
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	CAD009146929

B20 **OWENS-BROCKWAY GLASS CONTAINER INC** **HAZNET** **S112999657**
NE **14700 W SCHULTE RD** **CERS TANKS** **N/A**
< 1/8 **TRACY, CA 95376** **CERS HAZ WASTE**
0.006 mi. **CERS**
30 ft. **Site 4 of 5 in cluster B**

Relative:
Lower

Actual:
114 ft.

HAZNET:

envid:	S112999657
Year:	2016
GEPAID:	CAD009146929
Contact:	BILL BOSCACCI
Telephone:	2093214346
Mailing Name:	Not reported
Mailing Address:	14700 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953768628
Gen County:	San Joaquin
TSD EPA ID:	CAT080013352

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	5.852
Cat Decode:	Waste oil and mixed oil
Method Decode:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	San Joaquin

envid:	S112999657
Year:	2016
GEPAID:	CAD009146929
Contact:	BILL BOSCACCI
Telephone:	2093214346
Mailing Name:	Not reported
Mailing Address:	14700 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953768628
Gen County:	San Joaquin
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Other organic solids
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	14.3276
Cat Decode:	Other organic solids
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Joaquin

envid:	S112999657
Year:	2016
GEPAID:	CAD009146929
Contact:	BILL BOSCACCI
Telephone:	2093214346
Mailing Name:	Not reported
Mailing Address:	14700 W SCHULTE RD
Mailing City,St,Zip:	TRACY, CA 953768628
Gen County:	San Joaquin
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Other organic solids
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	13.2
Cat Decode:	Other organic solids
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Joaquin

envid:	S112999657
Year:	2016
GEPAID:	CAD009146929
Contact:	BILL BOSCACCI
Telephone:	2093214346
Mailing Name:	Not reported
Mailing Address:	14700 W SCHULTE RD

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Mailing City,St,Zip: TRACY, CA 953768628
Gen County: San Joaquin
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Other inorganic solid waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 64.466
Cat Decode: Other inorganic solid waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: San Joaquin

envid: S112999657
Year: 2016
GEPAID: CAD009146929
Contact: BILL BOSCACCI
Telephone: 2093214346
Mailing Name: Not reported
Mailing Address: 14700 W SCHULTE RD
Mailing City,St,Zip: TRACY, CA 953768628
Gen County: San Joaquin
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 3.444
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Joaquin

Click this hyperlink while viewing on your computer to access
692 additional CA_HAZNET: record(s) in the EDR Site Report.

CERS TANKS:
Site ID: 398799
CERS ID: 10153919
CERS Description: Aboveground Petroleum Storage

Violations:
Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 06-14-2007
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/28/2007.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 06/08/2017. Reportable amounts of CL 16, RL 9009, CL 206, electrostatic precipitator waste, Trona, compressed oxygen/nitrogen mixture, Techtro Gold III coolant, Purple Power degreaser; flammable liquid (MEK) waste, Spartan soap/degreaser, mortar/refractory and Glassflow White scoop lubricant were found on site that have not been reported. Any material that meets or exceeds the reportable quantity shall be reported in the facility's business plan. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, add the materials to the hazardous material inventory, and submit to the EHD for approval.
Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: An inspection was last done on 4-14-2016 and 4-15-2016, and an inspection report was issued identifying information to be submitted to bring this site into compliance. This information was required to be submitted within 30 days of the receipt of the full inspection report. This information has not been received within 30 days, as required, resulting in a non-compliant status for this facility. An operator that receives an inspection report shall have 30 days to submit a written response that includes a statement documenting corrective actions taken or proposing corrective actions which will be taken. Ensure that a written response documenting corrective actions taken or proposed is submitted within 30 days of receiving an inspection report.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: The following was noted at the time of inspection: 1) In the bag house grit blast room, hazardous waste (grit blast) was generated and put a 55-gallon waste container. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. 2) Metal fines were observed inside a bin of scrap metal located inside the main mechanic shop, according to Mr. Boscacci all metal fines generated by the mechanic shop are being handled as hazardous. Mr Boscacci indicated that observed metal fines will be

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

removed from the scrap metal bin at the time of inspection. This is a repeat violation from the 2016 hazardous waste inspection. Hazardous wastes shall be disposed of only by transportation to a permitted hazardous waste treatment, storage, and disposal facility (TSDF). Immediately cease illegal disposal of hazardous waste and ensure that all future waste is hauled by a licensed hazardous waste transporter to a permitted TSDF, as [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41
Violation Description: Failure of a large quantity RCRA generator to prepare the Biennial report (Form 8700), and submit to DTSC by March 1st on even numbered years ; and maintain it onsite for three years.
Violation Notes: A biennial report reviewed at the time of inspection listed that OxyEP Dust is not being recycled onsite, it is EHD's understanding that this material is being recycled onsite as part of the process. A Biennial Report, USEPA Form #8700, shall be prepared and submitted to DTSC by March 1 or each even-numbered year and maintained on site for at least three years. Immediately prepare an accurate biennial report, submit the information to DTSC (and a copy to the EHD) 30 days from receipt of this report, and maintain it on site.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: The facility s contingency plan is outdated and incomplete The plan does not list an emergency coordinator or an alternate. The plan does list environmental engineer, Steve Howie and Lisa Mendoza, both who are no longer with the company. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all others in order in which they will assume responsibilities; 4. List all emergency equipment, [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to test liquid level sensing devices to ensure proper operation.
Violation Notes: According to Mr. Boscacci, the existing liquid level sensing devices have not been tested for all existing tanks. Procedures and frequency of testing for these devices were not addressed in the Spill Prevention, Control, and Countermeasure (SPCC) plan. Liquid level sensing devices must be installed in accordance with CFR 112.8 and shall be regularly tested to ensure proper operation. Immediately conduct all necessary testing of liquid level sensing devices, or provide equivalence as allowed by CFR 112.7(a)(2). Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.
Violation Notes: Oily staining and standing oil were noted below the used oil tanks located in the vicinity of the onsite oil water separators.
Furthermore, the oil water separator, which was full of oily liquid at the time of inspection, is being used as a secondary containment for the 1,750-gallon used oil tank. Inspections and testing shall be conducted on all aboveground liquid petroleum containers larger than 55 gallons, including the regulated oil filled equipment and all 55 gallon drums of oil. Although some inspections are being implemented, these inspections are not addressing the issues observed at the time of inspection. Records of these inspections and tests shall be signed by the appropriate supervisor or inspector and kept on site with the Spill Prevention, Control, and Countermeasure (SPCC) Plan for a period of three years. Immediately begin necessary and adequate testing and inspections for all Aboveground Petroleum Storage Act regulated containers and maintain on site with [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan .

Violation Notes: This facility has an Aboveground Petroleum Storage Act (APSA) regulated shell capacity of >10,000 gallons. A Spill Prevention, Control, and Countermeasure (SPCC) Plan (dated March 4, 2011) was onsite. The reviewed plan is not being implemented as written, for example, two people are required to be present during filling of the diesel tank (or present during filling of any container located some distance from the tanker), according to William Boscacci, this practice is not being implemented at this time. All facilities which have an APSA regulated shell capacity of 1,320 gallons or greater shall prepare a written SPCC Plan which meets all of the requirements of the 40 CFR Part 112. Each owner or operator specified in this subdivision shall prepare and implement the SPCC plan to assure compliance with Section 112 (commencing with Section 112.1) of Subchapter D of Chapter I of Title 40 of the Code of Federal Regulations. Submit proof of correction to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20

Violation Description: Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.

Violation Notes: Returned to compliance on 07/25/2016. 22.5 Metric Tons (M) of "NA3077 Hazardous Waste, Solid, NOS, (cadmium, chromium, lead), 9, PG III" , waste tracking number 010315-28 and 20.3 M of "NA3077, Hazardous Waste, Solid, NOS, (cadmium, chromium, lead), 9, PG III" , waste tracking number 010315-29 was transported off site for disposal on August 3rd, 2015 without first preparing a uniform hazardous waste manifest. Uniform hazardous waste manifest 007708748JJK (20T) and 007708749JJK(18Y) were generated later. It appeared that 010315-28 corresponded to 007708749JJK and 010315-29 corresponded to 007708748JJK. A generator shall prepare a Uniform Hazardous Waste Manifest on EPA Form 8700-22 prior to the transport of a hazardous waste for off-site transfer, treatment, storage or disposal. Ensure that a manifest is prepared each time hazardous waste is transported for off site transfer, treatment, storage or disposal. Submit written documentation describing the weight discrepancies noted above and what steps will be [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 06-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections

Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Notes: Returned to compliance on 07/27/2009.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 25143.10 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.10
Violation Description: Failure of any person who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption, to provide the following information every two years: 1) The name, site address, mailing address, and telephone number of the owner or operator of any facility that recycles the material. 2) The name and address of the generator of the recyclable material. 3) Documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met, including the following: A) Where a person who recycles the material is not the same person who generated the recyclable material, documentation that there is a known market for disposition of the recyclable material and any products manufactured from the recyclable material. B) Where the basis for the exclusion is that the recyclable material is used or reused to make a product or as a safe and effective substitute for a commercial product, a general description of the material and products, identification of the constituents or group of constituents, and their approximate concentrations, that would render the material or product hazardous under the regulations adopted pursuant to HSC 25140 and 25141, if it were a waste, and the means by which the material is beneficially used.
Violation Notes: Grit blast is being recycled and all required information to claim the exclusion or exemption has not been submitted. To claim an exclusion or exemption from classifying this as a waste, the following information shall be submitted every two years: - name, site address, mailing address, and telephone number of the owner or operator of the facility that recycles the material; - name and address of the generator of the recyclable material; - documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met. It was noted on a previous inspection report, the DTSC had been contacted and allowed the exclusion. Immediately provide all required information for every recyclable material that you wish to claim the exclusion or exemption and provide that information every two years. If the required information cannot be provided, the materials must immediately be handled as a hazardous waste.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 09/26/2017. The site map is not accurate and representative of much of the facility; there are structures shown on

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

the map are not present at the facility and there are structures at the facility not shown on the map; additionally, loading areas, access and exit points, emergency shutoffs, emergency response and many of the hazardous materials storage and handling locations are not shown. A site map shall contain a north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, upload the correct or updated information, and submit to the EHD for approval.

Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to make SPCC plan amendment(s) when the facility has had a change in: design, construction, operation, or maintenance which affects the facility s discharge potential.
Violation Notes: Not reported
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/25/2017. 1) The labeling of five 55-gallon hazardous waste containers located next to the EP Building lacked hazardous properties and physical state. The label of one 55-gallon container located inside the ChromOx Minor Storage building was lacking hazardous properties. One 55-gallon container of oily waste had an "ERM" label, the ERM label was removed at the time of inspection and will be labeled as oily debris, per Mr. Boscacci. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date The labeling of these containers was corrected at the time of inspection, ensure that all containers are labeled as appropriate at all times. Submit proof of correction for the labeling of the 55-gallon container of oily debris originally labeled as ERM. 2) One 55-gallon container of oily debris [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194
Violation Description: Failure to place wastes or treatment reagents in a tank system that could cause the tank , its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail; and for not using appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. (Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure).
Violation Notes: Staining and pooling liquid was seen on the 450-gallon tanks and 1750-gallon tanks and in the surrounding areas indicating an overfill or release. Appropriate controls and practices shall be used to prevent spills and overflows from the tank or secondary containment systems. These include at a minimum: 1) spill prevention controls (e.g., check valves, dry discount couplings); 2) overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and 3) maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194
Violation Description: Failure to maintain the following general tank operating requirements: a) Hazardous wastes or treatment reagents shall not be placed in a tank system if they could cause the tank, its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail. b) The owner or operator shall use appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. These include at a minimum: 1) Spill prevention controls (e.g., check valves, dry discount couplings); 2) Overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and 3) Maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank.
Violation Notes: Staining was seen on the 450g tanks and 1750g tanks and in the surrounding areas indicating an overfill or release. Appropriate controls and practices shall be used to prevent spills and overflows from the tank or secondary containment systems. These include at a minimum: - spill prevention controls (e.g., check valves, dry discount

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

couplings); - overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and - maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank. Immediately implement [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: Secondary containment was not provided for the 450 gallon tank. According Ryan Fane, P.E. this statement was made about the 1,750 gallon tank "The pit used for secondary containment does not appear to meet the requirements of 22 CCR 66265.193 as it did not appear to be lined and cracks were observed in concrete above the liquid level in the pit at the time of inspection". Secondary containment shall be provided for tank systems to prevent the release of hazardous waste or hazardous constituents to the environment. According to Mr. Boscacci, this facility is working on providing the secondary containment in the near future. Secondary containment shall be designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system, and capable of detecting and collecting releases and accidental accumulated liquids until the collected material is removed. [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Description: Failure to meet the following requirements of excluded recyclable materials: 1) Used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2) Used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3) Returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, 4) The material is recycled and used at the same facility at which the material was generated, or by the same corporate entity, 5) The material is recycled within the applicable generator accumulation time, 6) The material is managed in accordance with all

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applicable requirements for generators of hazardous wastes, 7) If the material is held in a container or tank, the container or tank is labeled, marked, and placarded in accordance with the department's hazardous waste labeling, marking, and placarding requirements which are applicable to generators, except that the container or tank shall be labeled or marked clearly with the words "Excluded Recyclable Material" instead of the words "Hazardous Waste," 8) If the material is used oil, the containers, aboveground tanks, and fill pipes used to transfer oil into underground storage tanks shall also be labeled and clearly marked with the words "Used Oil", 9) The owner or operator of the business location where the material is located has a business plan that meets the following minimal requirements: emergency response plans and procedures, which specifically address the material or that meets the emergency response and contingency requirements which are applicable to generators of hazardous waste, and 10) The material shall be stored and handled in accordance with all local ordinances and codes.

Violation Notes: Grit blast is claimed to be an excluded recyclable waste but does not meet the requirements to be considered so. A waste may be considered an excluded recyclable material if recycled by any of the following methods 1. used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2. used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3. returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, And shall meet all of the following conditions: 1. the material is recycled and used at the same facility at which the material was generated, or by the same corporate entity, 2. the material is recycled within the applicable generator accumulation time, 3. the is [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: The following open containers were noted at the time of inspection: 1) One-black 55-gallon container of MEK (stored inside the main mechanic shop) had a funnel installed which was not latched. 2) In the bag house room, hazardous waste (grit blast) was generated and put into one 55-gallon container which was lacking a lid. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. 3) One 55-gallon container of oily debris which had a lid but the lid was not fastened was observed inside the mechanic shop. All hazardous waste containers shall be closed at all times except when adding or removing waste.

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Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)
Violation Description: Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems, bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).
Violation Notes: Inspections of the hazardous waste tank system was not performed and documented. The following items are required to be inspected at least daily: 1. overfill/spill control equipment; 2. aboveground portions of the tank system to detect corrosion or releases of water; 3. data gathered from monitoring and leak-detection equipment; 4. outside areas of the tank system including secondary containment to detect erosion or signs of releases of hazardous waste; 5. for uncovered tanks, the level of waste in the tank. Immediately begin required inspections of the hazardous waste tank system, and document the items inspected. Submit a copy of the inspection log for the next 30 days to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.33
Violation Description: Failure of the facility to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes: The following was noted at the time of inspection: 1) Eye washes were seen throughout the facility that were not functioning properly (for example an eye wash located in furnace area located next to a cylinder of mono oxide was lacking caps). 2) Two spill pallets located in the satellite hazardous waste storage area (room with MEK) had free standing liquid in them. 3) Spill pallets throughout the facility, inside and outside had free standing liquid in them. 4) An outdoor

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

spill pallet for the diesel fueling station located next to the 1,000 gallon diesel tank was half full with red dye diesel. 5) Oily debris were observed inside the secondary containment under the new oil containers which are being stored next to the "Hot Vat" area, it's unclear from the communication with Mr. Boscacci, how often the oily pads are being changed out. 6) Oily spillage was observed in the Batch House area under a mixing equipment and inside the secondary containment pan located under [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: A label of the 55-gallon container of fuel filters observed in the vehicle maintenance area didn't indicate that filters were drained and lacked an it lacked accumulation start date. Used oil filters shall be drained of free-flowing oil, stored in a closed, rainproof container, labeled as drained used oil filters, and marked with an accumulation start date. Immediately manage filters, as required, and ensure that all used oil filters are managed in this way. Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: If claiming impracticability of appropriate containment/diversionary structures: Failure to have a professional engineer clearly denote and demonstrate the impracticability of appropriate containment/diversionary structures.
Violation Notes: Returned to compliance on 08/23/2016. Periodic integrity testing options were not evaluated in the Spill Prevention, Control, and Countermeasure (SPCC) Plan. If any structures or equipment were not installed to prevent a discharge due to impracticality, the SPCC Plan must clearly explain why the measures are not practicable, periodic integrity testing shall be performed on bulk storage containers, and periodic integrity and leak testing shall be performed on the valves and piping. Immediately amend the SPCC Plan and submit a copy of the changes to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter

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6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to perform a five-year review of the SPCC plan.
Violation Notes: Returned to compliance on 08/23/2016. The Spill Prevention, Control, and Countermeasure (SPCC) Plan was last reviewed on March 4, 2011. Incorrect emergency coordinator information was noted in the reviewed SPCC plan; Lisa Mendoza is still listed on the reviewed plan, reportedly Lisa had left the facility sometime in 2013. Also, page 22 of the reviewed plan indicated that an inspection checklist is provided in Appendix D, no inspection checklist was present in Appendix D. A review and evaluation of the SPCC Plan must be conducted at least once every 5 years. As a result of this review and evaluation, the SPCC Plan must be amended within 6 months of review, and recertified by a Professional Engineer if any technical amendments were made. Immediately conduct a review of the facility SPCC Plan and make any necessary amendments.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to include inspections of tank supports/foundation, deterioration, discharges and/or accumulations of oil inside diked areas, and comparison records in the records of inspections (or customary business records).
Violation Notes: API-653 Tank reports (dated 6-13-2012), prepared for the 450-gallon and the 1,750 gallon waste oil tanks, were reviewed at the time of inspection. No integrity testing reports were available for the rest of the onsite tanks. The reviewed API-653 Tank reports could only be utilized for these tanks, if these tanks were built according to the APA-650 standards. However, according to the reviewed API-653 Tank reports reports, these tanks (for which these integrity testing reports were prepared, the 450-gallon and the 1,750-gallon tanks), were not built to any observed codes . Each aboveground container shall be tested and inspected for integrity on a regular schedule and whenever repairs are made. The qualifications of personnel performing tests and inspections, frequency and type of testing and inspections that take into account container size, configuration, and design shall be determined in accordance with industry standards. Examples of these integrity tests include, but [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: -Metal fines seen throughout the facility, from different machinery are being handled as scrap metal. According to the return to compliance submitted July 8, 2011 all metal lathes, (it do not

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

indicate which one, how many, or where they were located), one lathe was proven to have particles less than 100 microns and would be handled as hazardous waste. At time of inspection no hazardous waste records for metal fines were available and inspectors were told all metal grindings and fines are handled as scrap metal. -In the bag house room, hazardous waste (grit blast) was generated and put in 55g drums from bag houses. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. -"Grit blast" in damaged containers was seen leaking outside of the "Chromox" & "Iron Oxide" storage building onto the ground and into the air. - Hazardous waste from the baghouses in the basement has been released all over the ground [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide and maintain adequate secondary containment.
Violation Notes: According to the site inspection and according to the reviewed tank assessment report, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the 450-gallon and 1750-gallon waste oil tanks appear to have insufficient secondary containment. The reviewed waste oil tank assessment, indicated the oil water separator pit used as secondary containment for the 1,750-gallon tank "doesn’t appear to meet the requirements of 22 CCR 66265.193 and it didn’t appear to be lined and cracks were observed in concrete above the liquid level in the pit". Furthermore, according to the same tank assessment, the 450-gallon waste oil tank has no secondary containment. Also, the oily waste mixture, referred to as "biosol" and used in the glass making process, discharges directly from the glass making area into an unlined area where it pools and subsequently flows into the in-ground oil water separators. All bulk storage tanks must be provided with a secondary means of containment for the [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.35 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.35
Violation Description: Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes.
Violation Notes: Three 55 gallon containers stored in two layers inside the "Blue Barn" (the main hazardous waste storage area) were placed in a way that their labels couldn’t be reviewed at the time of inspection. Adequate aisle space shall be maintained to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to all areas of facility operation in an emergency. Immediately maintain aisle space to allow the unobstructed

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

movement of personnel, fire protection, spill control equipment, and decontamination equipment to any area of facility operation in an emergency.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to adequately describe the physical layout of the facility, or no description of the physical layout of the facility included within the SPCC plan.
Violation Notes: No transfer pipes were noted on the reviewed facility diagram included in the reviewed the Spill Prevention, Control, and Countermeasure (SPCC) plan. The SPCC Plan shall include a facility diagram which must mark the location and contents of each fixed storage container and the storage area where mobile or portable containers are located. It must identify the location of and mark as "exempt" underground tanks. It must also include all transfer stations and connecting pipes, including intra-facility gathering lines. Immediately update the facility diagram to include all of the required information. Submit a legible copy of the updated facility diagram to the EHD for review.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: RCRA Large Quantity Generator Program - Operations/Maintenance - General
Violation Notes: At time of inspection, the following empty containers which previously held a a hazardous material were seen: -one 55 gallon white poly drum labeled ChemTreat CL-2150 -one 55 gallon blue poly drum labeled CL-2212 -more than sixteen 250g poly totes near the blue barn -more than 20 55 gallon drums near the blue barn. Containers larger than five gallons that previously held a hazardous material shall be marked with the date they were emptied and managed within one year of being emptied. Immediately mark and manage all empty containers per this section.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 07/25/2016. At time of inspection: -Three 55g drums of Non RCRA hazardous waste solid (oily debris) were seen without a hazardous property (other was marked) -One 55g drum of Non RCRA hazardous waste (oil, water) was seen without a hazardous property marked. -One 55g drum of Non RCRA hazardous waste liquid (Ethylene glycol) was seen without a hazardous property marked. -One 55g drum of Non RCRA hazardous waste liquid (oil) was seen without a hazardous property marked. -Eight white totes of Hazardous Waste solid (Chromium Lead Selenium) were seen without a hazardous property (other was marked). -One 55g drum of oily contaminated debris near the vehicle maintenance area was seen without a hazardous waste label. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date Immediately [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.33
Violation Description: Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes: Returned to compliance on 07/25/2016. -Eye washes were seen throughout the facility that were not functioning properly. -Two spill pallets in the satellite hazardous waste storage area (room with MEK) had free standing liquid in them. -Spill pallets throughout the facility, inside and outside had free standing liquid in them. All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment, where required, shall be tested and maintained as necessary to assure its proper operation in time of emergency. Remove the liquid from all spill pallets, make a hazardous waste determination and handle according to Title 22. Submit a statement to the EHD identifying how the above listed items were addressed.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Manifest numbers 007708761JJK, 012848915JJK, 004351297JJK were found without a signed off copy from the destination facility. Manifest number 013792833JJK was not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description: Failure to complete the Uniform Hazardous Waste Manifest exception requirements.
Violation Notes: Manifest number 016521542 JJK was found without a signed off copy from the destination facility and no exception report was filed. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the missing manifest, and a cover letter signed by the [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description: Failure to complete the uniform hazardous waste manifest exception requirements.
Violation Notes: Manifest numbers 007708761JJK, 012848915JJK, 004351297JJK were found without a signed off copy from the destination facility. Manifest number 013792833JJK was not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes: The hazardous waste tank assessment (dated 12-15-2016) for the 450-gallon tank located in the basement of Furnace C and the 1,750-gallon tank located in the basement of Furnace A/B are inadequate. The hazardous waste tank assessments are based on CCR 66265.191 (existing) and 66265.192 (new) and utilize API-653 which can not be used for these tanks, multiple items like PE certification, age of tank system, description of tank system including pumps, sketch of tank system, etc. are lacking. No tank assessment was available for the hazardous waste tank(s) located in the floor of the "Hot Vat" area. The hazardous waste tank assessment shall include but not be limited to all of the following information: 1. tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2. design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A. [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Manifest number 016521542 JJK was found without a signed off copy from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the missing manifest, and a cover letter signed by the generator explaining the efforts [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.
Violation Notes: In the blue barn: -Totes of hazardous waste containing chromium, lead and selenium were open, haphazardly closed, allowing the fine powder to be released throughout the barn , on the ground and in the air. -Free standing oily and whitish/yellow liquid behind and under the hazardous waste containers was seen. It could not be determined where it had come from (leaking containers, overfill,etc.) -In the outside storage area, near the SE corner, by the compressor room, totes and containers of "Chromox" and "Iron Oxide" were stored. These containers were releasing their product to the ground, to the air and potentially out the doors. When asked what would happen to the release, Bill said about monthly someone would come in sweep up the area and handle the sweepings as hazardous waste. A sample of this material was not taken outside the builiding but will be taken during the next inspection. Facilities shall be maintained and operated to minimize the possibility of a fire, [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 06-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/29/2009.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.171 - California Code of Regulations, Title 22,

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Chapter 15, Section(s) 66265.171
Violation Description: Failure to accumulate hazardous waste in a container that is in good condition.
Violation Notes: Seven-55g drums of grit blast were seen stored outside on pallets. At the bottom of the rusty metal containers was caked grit blast. The grit blast was also seen on the ground around the pallets. Hazardous waste shall be stored in a container that are in good condition. Immediately transfer all hazardous wastes into containers that are in good condition or have hazardous wastes properly disposed of by a licensed hazardous waste hauler under a proper manifest.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description: Failed to meet the conditions of satellite accumulation regulations, including but not limited to the following: accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator the container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accumulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first.
Violation Notes: Not reported
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description: Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information; A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age); 4) Description and evaluation of any leak detection equipment;

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste

Violation Notes: The hazardous waste tank assessment for the 450g tank located in the basement of Furnace C and the 1,750g tank located in the basement of Furnace A/B are inadequate. The hazardous waste tank assessments are based on CCR 66265.191 (existing) and 66265.192 (new) and utilize API-653 which can not be used for these tanks. The hazardous waste tank assessment shall include all of the following information: 1. tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2. design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A. material of construction; B. material thickness and the method used to determine the thickness; C. description of tank system piping (material, diameter); D. description of any internal and external pumps; and E. sketch or drawing of tank including dimensions. 3. [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or remanufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or remanufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of this section; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

five gallons in capacity which is managed pursuant to subsection (e) of this section shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: The following was noted at the time of inspection: 1) One unlabeled blue 55-gallon empty container with signs of corrosion and white powdery substance on the outside (located next to product container of "Rustriper", which had a corrosive warning label) was observed in the "Hot Vat" area. 2) Seven 55-gallon containers and twenty 250-gallon containers, located in the "Blue Barn" area were labeled as empty and were lacking the date they were emptied. Containers larger than five gallons that previously held a hazardous material shall be marked with the date they were emptied and managed within one year of being emptied. Immediately mark and manage all empty containers per this section, submit proof of correction to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 31 67100.9 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.9
Violation Description: Failure of a large quantity generator to prepare a summary progress report every four years, using DTSC s Form # 1262 (3/99) titled "Summary Progress Report".
Violation Notes: A summary progress report available onsite (dated August 2015) was missing a page 1 and a table 2 for each of the listed waste stream. A Summary Progress Report, DTSC Form #1262, shall be prepared once every four years and submitted to DTSC. Immediately update a summary progress report, submit it to DTSC (and a copy to the EHD), as appropriate.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure of the containment systems, including walls and floors to be sufficiently impervious to contain oil.
Violation Notes: According to the site inspection and according to the reviewed tank assessment report for the 1,750 gallon waste oil tank, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the oil water separator pit used as the secondary containment for the 1,750 gallon waste oil tank "doesn’t appear to meet the requirements of 22 CCR 66265.193 and it didn’t appear to be lined and cracks were observed in concrete above the liquid level in the pit". Also, it was observed at the time of this inspection, that the oily water waste mixture (mixture of "biosol" and water which is used in the glass making process) discharges into an unlined soil area and then subsequently flows into the two oil water separator areas. As such, the diked areas onsite are is not impervious to contain discharged oil. Diked areas must be sufficiently impervious to contain discharged oil. Immediately provide or repair all diked areas to be sufficiently impervious to

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	contain oil.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.
Violation Notes:	Employee training records for the management of hazardous waste were incomplete. Some training records are being maintained electronically, and no access to these records was available at the time of this multi day inspection, as such the completeness of the onsite training records couldn't be evaluated at this time. Employee training records shall include: 1. the job title for each position at the facility related to hazardous waste management, and the name of each employee filling each job; 2. written job description for each position listed above; 3. written description of the type and amount of both introductory and continuing training that will be given to each person filing positions listed above; 4. records that document that the training has been given to and completed by facility personnel. Training records on current employees shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 31 67100.8 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.8
Violation Description:	Failure of a generator to conduct, when required, a source reduction evaluation review and plan every four years, and/or failure of the review and plan to contain all required information.
Violation Notes:	A hazardous waste management performance report available onsite had "red line" corrections, it was unclear at the time of inspection if it was ever finalized. A hazardous waste management performance report shall be prepared once every four years and contain the information listed in CCR 67100.8. Immediately update a hazardous waste management performance report and submit a copy to the EHD.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.
Violation Notes: The following was noted at the time of inspection: 1) Floor sweepings which appeared to contain metal fines were observed inside a bin designated for cardboard recycling, located inside the main metal working shop. Ms. Liz Roblero who produced the waste, indicated that she didn't realize that the floor sweepings contained metal fines, and was unsure on how to address the issue when she was asked, under guidance from Mr. Boscacci, the waste was removed from the trash can at the time of inspection and placed into the onsite hazardous waste container. 2) A pair of oily gloves was removed from a trash can located inside the main mechanic shop area and placed inside the "oily debris" hazardous waste storage container, Mr. Boscacci indicated that facility personnel should know where to place oily implements. Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. 4) Metal fines [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to adequately discuss the facility transfer operations, pumping, and facility process within the SPCC plan.
Violation Notes: Returned to compliance on 08/23/2016. The reviewed SPCC plan didn't address the disposal methods for the recovered spill materials. Also, the plan's list of the required response coordinator and clean up contractors appeared to be out of date. The following shall be addressed in the Spill Prevention, Control, and Countermeasure (SPCC) Plan: - type of oil in each fixed container and it's storage capacity. For mobile or potable containers, the type of oil and storage capacity for each container or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities - discharge prevention measures including procedures for routine handling of products - discharge or drainage controls such as secondary containment, equipment, and procedures for the control of a discharge - countermeasures for discharge discovery, response, and cleanup - methods of disposal of recovered materials - contact list and phone numbers for the facility [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16

Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: At time of inspection current training records could not be provided. Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1. procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2. key parameters for automatic waste feed cut-off systems; 3. communications or alarm systems; 4. response to fires or explosions; 5. response to ground-water contamination incidents; and 6. shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1. the job title for each position at the facility related to [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to discuss the appropriate containment/diversionary structures/equipment within the plan.

Violation Notes: According to the site inspection and according to the reviewed tank assessment report, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the 450-gallon and 1750-gallon waste oil tanks appear to have insufficient secondary containment. The reviewed waste oil tank assessment, indicated the oil water separator pit used as secondary containment for the 1,750-gallon tank "doesn’t appear to meet the requirements of 22 CCR 66265.193 and it didn’t appear to be lined and cracks were observed in concrete above the liquid level in the pit". Furthermore, according to the same tank assessment, the

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	450-gallon waste oil tank has no secondary containment. Also, the oily waste mixture, referred to as "biosol" and used in the glass making process, discharges directly from the glass making area into an unlined area where it pools and subsequently flows into the respective in-ground oil water separators. Also, standing oily liquid was noted next to the oil filled equipment, and [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.
Violation Notes:	Oil handling personnel were not adequately trained. Thirty people were trained in 2010 compared to the most recent training during, which only two people were trained. The last spill prevention briefing was held in 2013. At a minimum, oil handling personnel shall be trained in the operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; and the contents of the Spill Prevention, Control, and Countermeasure Plan. Immediately provide this training to all oil handling personnel and submit a copy of the training log to the EHD.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if the waste generated is a hazardous waste.
Violation Notes:	No waste analysis was available for the metal fines being generated on site. These waste streams are mixed with the scrap metal recycling. A hazardous waste determination had been made according to the 2011 return to compliance certification but it was not indicated which waste streams were determined to be hazardous. The hazardous waste analysis was not available on site for review. A generator shall make a hazardous waste determination and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last disposed of. Immediately stop recycling metal fines, locate a copy of the waste analysis conducted for all metal fines generated on site and submit copies to the EHD. If a copy is unavailable, immediately make a hazardous waste determination and begin managing the metal fines under Title 22 hazardous waste regulations. Particles 100 microns or [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 07/25/2016. -Eight-white tote bags of hazardous waste (chromium, lead, selenium) were seen open, or haphazardly closed. -One-15-20g black drum of MEK was open. -One 55g drum of oily contaminated debris near the vehicle maintenance area. All hazardous waste containers shall be closed at all times except when adding or removing waste. Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to obtain facility management approval to fully implement the SPCC Plan.
Violation Notes: Not reported
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: The facility s contingency plan is not current. According to Bill Boscacci, respirators must be worn inside the Batch House building, however this personal protective equipment use is not reflected in the reviewed contingency plan. Furthermore, the reviewed plan lists the last SPCC/ contingency plan related training as 9-11-2013. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Description: Failure to manage a recyclable material pursuant to HSC 6.5 25143.2(b), (c), or (d).
Violation Notes: Returned to compliance on 01/25/2017. "Grit Blast" waste is claimed to be an excluded recyclable waste but does not meet the requirements to be considered so, due to the inadequate management practices. Labeling for several ERM material containing totes, located adjacent to the EP building, was incomplete and lacked hazardous properties and physical state, the ERM labeling was corrected at the time of inspection. A waste may be considered an excluded recyclable material if recycled by any of the following methods 1. used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2. used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3. returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, And shall meet [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/08/2017. During the inspection, it was found that reportable amounts of hazardous material are present at the facility and the updated information has not been submitted. Within 30 days of one the following events, business shall electronically update the information submitted to the California Environmental Reporting System (CERS): - A 100 percent or more increase in the quantity of a previously disclosed material. - Any handling of a previously undisclosed hazardous material - A change of business address, business ownership, or business name. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, enter the correct or updated information, and submit to the EHD for approval.
Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/19/2017. Employee training records were not available at the time of inspection. The business plan shall include provisions for ensuring that appropriate personnel receive initial and annual refresher training. This training shall be documented electronically or by hard copy and shall be made available for a minimum of three years. Immediately provide employee training for appropriate personnel and submit a copy of the training records to the EHD. A site map was not completed or submitted as part of the business plan.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to schedule and conduct spill prevention briefings at least once a year.
Violation Notes:	Discharge prevention briefings are not scheduled at least once a year. According to William Boscacci, the last spill prevention briefing was held in 2013. Discharge prevention briefings for oil handling personnel must be scheduled and conducted at least once a year to assure adequate understanding of the SPCC Plan for that facility. Such briefings must highlight and describe known discharges or failures, malfunctioning components, and any recently developed precautionary measures. Immediately schedule and conduct a discharge prevention briefing, ensure that they are scheduled and conducted at least once a year.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 25143.10 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.10
Violation Description:	Failure of any person who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption, to submit recyclable materials report every two years.
Violation Notes:	Returned to compliance on 01/25/2017. The "ESP Dust" and "Grit blast" is being recycled and all required information to claim the exclusion or exemption has not been submitted. To claim an exclusion or exemption from classifying this as a waste, the following information shall be submitted every two years: - name, site address, mailing address, and telephone number of the owner or operator of the facility

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

that recycles the material; - name and address of the generator of the recyclable material; - documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met. Immediately provide all required information for every recyclable material that you wish to claim the exclusion or exemption and provide that information every two years. If the required information cannot be provided, the materials must immediately be handled as a hazardous waste. The Recyclable Materials Report Documentation was uploaded into CERS by the end of business day on 1-11-2-17. This was [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to promptly correct the causes of leaks that result in accumulations of oil in diked areas.
Violation Notes: Oily staining and standing oil were noted below the used oil tanks located in the vicinity of the onsite oil water separators. Furthermore, the oil water separator, which was full of oily liquid at the time of inspection, is being used as a secondary containment for the 1,750-gallon used oil tank. Visible discharges which result in a loss of oil from a container, including but not limited to seams, gaskets, piping, pumps, valves, rivets, and bolts, must be promptly corrected. Immediately fix all leaks and clean all visible staining , and manage according to the California Code of Regulations Title 22 hazardous waste regulations. Maintain all diked areas free of all accumulations. Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: The following was noted at the time of inspection: 1) Totes and containers of "Chromox" and "Iron Oxide" among other raw materials were stored inside the Minor Storage area, some of these containers (the source couldn’t be definitively determined at the time of inspection, although Mr. Boscacci indicated that the spilled material is likely graphite) appeared to be releasing fine grayish powder to the floor of the storage area, this area is open to the outside. One hazardous waste container was present in this area, according to Mr. Boscacci any floor sweep from this area will be placed into this hazardous waste container. Not enough free material was available for a sample collection at the time of inspection. 2) Oily pooling and oily staining was observed throughout the furnace building where oily

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

swabs are used in the glass molding operation. 3) Oily pooling and oily staining was observed throughout the Hot Vat area, with white powdery substance on the ground [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.52 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.52
Violation Description: Failure to include all of the following in the Contingency Plan: 1) A description of actions the facility personnel shall take response to fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water at the facility; 2) A description of arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services; 3) All names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinator and this list shall be kept up to date. Where more than one person is listed, one shall be named as primary emergency coordinator and others shall be listed in the order in which they will assume responsibility as alternates; 4) A list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems (internal and external), and decontamination equipment), where this equipment is required. This list shall be kept up to date. In addition, the plan shall include the location and a physical description of each item on the list, and a brief outline of its capabilities; 5) An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary. This plan is to describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes (in cases where the primary routes could be blocked by releases of hazardous waste or fires); 6) The current telephone number of the California Emergency Management Agency; and 7) If the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) or some other emergency or contingency plan, the owner or operator need only amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this chapter.
Violation Notes: The facility s contingency plan is outdated and incomplete The plan does not list an emergency coordinator or an alternate. The plan does list environmental engineer, Steve Howie and Lisa Mendoza, both who are no longer with the company. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all others in order in which they will assume responsibilities; 4. List all emergency equipment, [Truncated]

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure of the LQG and/or TP generator, on all new and existing hazardous waste tank systems and ancillary equipment, to meet the following secondary containment requirements: 1) Designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system; and 2) Capable of detecting and collecting releases and accumulated liquids until the collected material is removed. 3) Constructed of or lined with materials that are compatible with the waste(s) to be placed in the tank system and shall have sufficient strength and thickness to prevent failure due to pressure gradients (including static head and external hydrological forces), physical contact with the waste to which they are exposed, climatic conditions, the stress of installation, and the stress of daily operation (including stresses from nearby vehicular traffic); 4) Placed on a foundation or base capable of providing support to the secondary containment system and resistance to pressure gradients above and below the system and capable of preventing failure due to settlement, compression, or uplift; 5) Provided with a leak detection system that is designed and operated so that it will detect the failure of either the primary and secondary containment structure or any release of hazardous waste or accumulated liquid in the secondary containment system within 24 hours, or at the earliest practicable time if the existing detection technology or site conditions will not allow detection of a release within 24 hours; 6) Sloped or otherwise designed or operated to drain and remove liquids resulting from leaks, spills, or precipitation. Spilled or leaked waste and accumulated precipitation shall be removed from the secondary containment system within 24 hours, or in as timely a manner as is possible to prevent harm to human health or the environment, if removal of the released waste or accumulated precipitation cannot be accomplished within 24
Violation Notes: Secondary containment was not provided for the 450 gallon tank. According Ryan Fane, P.E. this statement was made about the 1,750 gallon tank "The pit used for secondary containment does not appear to meet the requirements of 22 CCR 66265.193 as it did not appear to be lined and cracks were observed in concrete above the liquid level in the pit at the time of inspection". Secondary containment shall be provided for tank systems to prevent the release of hazardous waste or hazardous constituents to the environment. Secondary containment shall be designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system, and capable of detecting and collecting releases and accidental accumulated liquids until the collected material is removed. Immediately provide secondary containment which meets the requirements of Title 22 for the 450 and 1,750g [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to maintain adequate records (or NPDES permit records) of drainage from diked areas.
Violation Notes: Records of drainage of uncontaminated rainwater from diked areas were not found on site. Adequate records (or NPDES permit records) of drainage from diked areas shall be retained. Immediately begin maintaining adequate records (or NPDES permit records) of drainage from diked areas. Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: The following was noted at the time of inspection: 1. An auger-type equipment still containing white powdery substance was observed in the outdoor area of the parts storage for the bag house, and a blue fan like piece of machinery still containing similar white substance was observed inside the bag house storage shed, both areas are located next to LF structures on the norther portion of the property. Mr. Boscacci indicated that he was not sure what the substance was, however the material was containerized at the time of inspection, and will be analyzed by the facility for profiling. 2. A torn up bag which was spilling its contents on the pavement (labeled Unimin and containing health and danger warnings on its label) was observed in the outdoor area of the parts storage for the bag house, located next to the LF structures on the norther portion of the property. Mr. Boscacci indicated that he was not sure what this substances was. 3. The laboratory analytical report [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An inspection checklist was provided to the facility operator on the first day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the completed inspection report. Please be aware as of January 1, 2013, all businesses were required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous material activity in the Businesses Activities section in

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

CERS in addition to any other relevant activities and required fields. For assistance with CERS, contact Willy Ng at 209-468-3448.

Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection continued.
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection continued.
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Due to the size of this facility, a multi-day routine hazardous waste facility inspection was conducted in January of 2017. Facility inspection was implemented over the course of the following days: 1-11-2017, 1-12-2017, 1-13-2017, 1-19-2017, 1-20-2017, and 1-25-2017. EHD inspectors were accompanied during the site walk through by Mr. Bill Boscacci. Samples were collected by the EHD inspector from the ground surface and equipment areas, on 1-11-2017 and on 1-19-2017, from the EP building and the Batch House, respectively. Inspection checklists were provided to the facility for each day of the inspection. The EHD has written the complete report which replaces all initial checklists. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	receiving the complete inspection report.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Environmental Health Department (EHD) inspectors (Elena Manzo and Michelle Henry) conducted a routine Above Ground Petroleum Storage (APSA) inspection on April 14 and April 15, 2016. An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. According to the reviewed documentation this facility has a total shell capacity of 28,813 gallons. The reviewed SPCC plan was dated March 4, 2011. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-24-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No violations were noted at the time of the inspection. The routine inspection is also part of the evaluation review for the RMP submittal. Public comments were not received during the formal review period. Notes: This facility has two covered processes: Anhydrous Ammonia for bottle treatment and Aqueous Ammonia for Selective Catalytic Reduction. The max. quantity of Anhydrous Ammonia stored on site is 2,016 lbs. of gas within a 500 gallon pressure vessel. The pressure vessel has been shut off and a 150 lb. cylinder is currently being used because of overstock of the material. The cylinder is currently being secured with a nylon rope. Provide a means to secure the cylinder to the support structure which ensures that it will not fall during storage. The hose extending from the cylinder is taped to the pressure vessel. Provide a means to secure the hose from the cylinder to the t-fitting for the process piping. An eyewash/shower is currently not located near the [Truncated]
Eval Division:	San Joaquin County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Conducted a billable routine inspection. See service code 001 for details.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-14-2007
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector Name: Willy Ng
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-25-2009
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector Name: Michelle Henry
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS

Enforcement Action:

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	01-11-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	01-11-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HWLQG
Enf Action Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	04-14-2016
Enf Action Type:	Referral to District Attorney
Enf Action Description:	Referral to District Attorney
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	APSA
Enf Action Source:	CERS

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	04-14-2016
Enf Action Type:	Referral to District Attorney
Enf Action Description:	Referral to District Attorney
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HWLQG
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420

Affiliation Type Desc:	Document Preparer
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	14700 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95376
Affiliation Phone:	(209) 836-8269

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	14700 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95376
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Bill Boscacci
Entity Title:	Environmental Manager

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	OWENS-ILLINOIS INC
Entity Title:	Not reported
Affiliation Address:	One Michael Owens Way
Affiliation City:	Perrysburg
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	43551-2999
Affiliation Phone:	(567) 336-5000

Affiliation Type Desc:	Operator
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 836-8269

Affiliation Type Desc:	Parent Corporation
Entity Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	Bill Boscacci
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 321-4346

CERS HAZ WASTE:

Site ID:	398799
CERS ID:	10153919
CERS Description:	Hazardous Chemical Management

Violations:

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	06-14-2007

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Citation:	HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 06/28/2007.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/08/2017. Reportable amounts of CL 16, RL 9009, CL 206, electrostatic precipitator waste, Trona, compressed oxygen/nitrogen mixture, Techtro Gold III coolant, Purple Power degreaser; flammable liquid (MEK) waste, Spartan soap/degreaser, mortar/refractory and Glassflow White scoop lubricant were found on site that have not been reported. Any material that meets or exceeds the reportable quantity shall be reported in the facility's business plan. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, add the materials to the hazardous material inventory, and submit to the EHD for approval.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	An inspection was last done on 4-14-2016 and 4-15-2016, and an inspection report was issued identifying information to be submitted to bring this site into compliance. This information was required to be submitted within 30 days of the receipt of the full inspection report. This information has not been received within 30 days, as required, resulting in a non-compliant status for this facility. An operator that receives an inspection report shall have 30 days to submit a written response that includes a statement documenting corrective actions taken or proposing corrective actions which will be taken. Ensure that a written response documenting corrective actions taken or proposed is submitted within 30 days of receiving an inspection report.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: The following was noted at the time of inspection: 1) In the bag house grit blast room, hazardous waste (grit blast) was generated and put a 55-gallon waste container. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. 2) Metal fines were observed inside a bin of scrap metal located inside the main mechanic shop, according to Mr. Boscacci all metal fines generated by the mechanic shop are being handled as hazardous. Mr Boscacci indicated that observed metal fines will be removed from the scrap metal bin at the time of inspection. This is a repeat violation from the 2016 hazardous waste inspection. Hazardous wastes shall be disposed of only by transportation to a permitted hazardous waste treatment, storage, and disposal facility (TSDF). Immediately cease illegal disposal of hazardous waste and ensure that all future waste is hauled by a licensed hazardous waste transporter to a permitted TSDF, as [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41
Violation Description: Failure of a large quantity RCRA generator to prepare the Biennial report (Form 8700), and submit to DTSC by March 1st on even numbered years ; and maintain it onsite for three years.
Violation Notes: A biennial report reviewed at the time of inspection listed that OxyEP Dust is not being recycled onsite, it is EHD's understanding that this material is being recycled onsite as part of the process. A Biennial Report, USEPA Form #8700, shall be prepared and submitted to DTSC by March 1 or each even-numbered year and maintained on site for at least three years. Immediately prepare an accurate biennial report, submit the information to DTSC (and a copy to the EHD) 30 days from receipt of this report, and maintain it on site.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: The facility s contingency plan is outdated and incomplete The plan does not list an emergency coordinator or an alternate. The plan does list environmental engineer, Steve Howie and Lisa Mendoza, both who are no longer with the company. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all others in order in which they will assume responsibilities; 4. List all emergency equipment, [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to test liquid level sensing devices to ensure proper operation.
Violation Notes:	According to Mr. Boscacci, the existing liquid level sensing devices have not been tested for all existing tanks. Procedures and frequency of testing for these devices were not addressed in the Spill Prevention, Control, and Countermeasure (SPCC) plan. Liquid level sensing devices must be installed in accordance with CFR 112.8 and shall be regularly tested to ensure proper operation. Immediately conduct all necessary testing of liquid level sensing devices, or provide equivalence as allowed by CFR 112.7(a)(2). Submit proof of correction to the EHD.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.
Violation Notes:	Oily staining and standing oil were noted below the used oil tanks located in the vicinity of the onsite oil water separators. Furthermore, the oil water separator, which was full of oily liquid at the time of inspection, is being used as a secondary containment for the 1,750-gallon used oil tank. Inspections and testing shall be conducted on all aboveground liquid petroleum containers larger than 55 gallons, including the regulated oil filled equipment and all 55 gallon drums of oil. Although some inspections are being implemented, these inspections are not addressing the issues observed at the time of inspection. Records of these inspections and tests shall be signed by the appropriate supervisor or inspector and kept on site with the

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Spill Prevention, Control, and Countermeasure (SPCC) Plan for a period of three years. Immediately begin necessary and adequate testing and inspections for all Aboveground Petroleum Storage Act regulated containers and maintain on site with [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan .
Violation Notes: This facility has an Aboveground Petroleum Storage Act (APSA) regulated shell capacity of >10,000 gallons. A Spill Prevention, Control, and Countermeasure (SPCC) Plan (dated March 4, 2011) was onsite. The reviewed plan is not being implemented as written, for example, two people are required to be present during filling of the diesel tank (or present during filling of any container located some distance from the tanker), according to William Boscacci, this practice is not being implemented at this time. All facilities which have an APSA regulated shell capacity of 1,320 gallons or greater shall prepare a written SPCC Plan which meets all of the requirements of the 40 CFR Part 112. Each owner or operator specified in this subdivision shall prepare and implement the SPCC plan to assure compliance with Section 112 (commencing with Section 112.1) of Subchapter D of Chapter I of Title 40 of the Code of Federal Regulations. Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description: Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes: Returned to compliance on 07/25/2016. 22.5 Metric Tons (M) of "NA3077 Hazardous Waste, Solid, NOS, (cadmium, chromium, lead), 9, PG III" , waste tracking number 010315-28 and 20.3 M of "NA3077, Hazardous Waste, Solid, NOS, (cadmium, chromium, lead), 9, PG III" , waste tracking number 010315-29 was transported off site for disposal on August 3rd, 2015 without first preparing a uniform hazardous waste manifest. Uniform hazardous waste manifest 007708748JJK (20T) and 007708749JJK(18Y) were generated later. It appeared that 010315-28 corresponded to 007708749JJK and 010315-29 corresponded to 007708748JJK. A generator shall prepare a Uniform Hazardous Waste Manifest on EPA Form 8700-22 prior to the transport of a hazardous waste for off-site transfer, treatment, storage or disposal. Ensure that a manifest is prepared each time hazardous waste is transported for off site transfer, treatment, storage or disposal. Submit written documentation describing the weight discrepancies noted above and what

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	steps will be [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	06-25-2009
Citation:	HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 07/27/2009.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.5 25143.10 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.10
Violation Description:	Failure of any person who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption, to provide the following information every two years: 1) The name, site address, mailing address, and telephone number of the owner or operator of any facility that recycles the material. 2) The name and address of the generator of the recyclable material. 3) Documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met, including the following: A) Where a person who recycles the material is not the same person who generated the recyclable material, documentation that there is a known market for disposition of the recyclable material and any products manufactured from the recyclable material. B) Where the basis for the exclusion is that the recyclable material is used or reused to make a product or as a safe and effective substitute for a commercial product, a general description of the material and products, identification of the constituents or group of constituents, and their approximate concentrations, that would render the material or product hazardous under the regulations adopted pursuant to HSC 25140 and 25141, if it were a waste, and the means by which the material is beneficially used.
Violation Notes:	Grit blast is being recycled and all required information to claim the exclusion or exemption has not been submitted. To claim an exclusion or exemption from classifying this as a waste, the following information shall be submitted every two years: - name, site address, mailing address, and telephone number of the owner or operator of the facility that recycles the material; - name and address of the generator of the recyclable material; - documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met. It was noted on a previous inspection report, the DTSC had been contacted and allowed the exclusion. Immediately provide all required information for every recyclable material that you wish to claim the exclusion or exemption and provide that information every two years. If the required information cannot be provided, the materials must immediately be handled as a hazardous waste.
Violation Division:	San Joaquin County Environmental Health

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 09/26/2017. The site map is not accurate and representative of much of the facility; there are structures shown on the map are not present at the facility and there are structures at the facility not shown on the map; additionally, loading areas, access and exit points, emergency shutoffs, emergency response and many of the hazardous materials storage and handling locations are not shown. A site map shall contain a north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, upload the correct or updated information, and submit to the EHD for approval.
Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to make SPCC plan amendment(s) when the facility has had a change in: design, construction, operation, or maintenance which affects the facility s discharge potential.
Violation Notes: Not reported
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/25/2017. 1) The labeling of five 55-gallon hazardous waste containers located next to the EP Building lacked hazardous properties and physical state. The label of one 55-gallon container located inside the ChromOx Minor Storage building was lacking hazardous properties. One 55-gallon container of oily waste had an "ERM" label, the ERM label was removed at the time of inspection and will be labeled as oily debris, per Mr. Boscacci. All hazardous waste containers shall be marked with the following

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date The labeling of these containers was corrected at the time of inspection, ensure that all containers are labeled as appropriate at all times. Submit proof of correction for the labeling of the 55-gallon container of oily debris originally labeled as ERM. 2) One 55-gallon container of oily debris [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194
Violation Description:	Failure to place wastes or treatment reagents in a tank system that could cause the tank , its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail; and for not using appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. (Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure).
Violation Notes:	Staining and pooling liquid was seen on the 450-gallon tanks and 1750-gallon tanks and in the surrounding areas indicating an overfill or release. Appropriate controls and practices shall be used to prevent spills and overflows from the tank or secondary containment systems. These include at a minimum: 1) spill prevention controls (e.g., check valves, dry discount couplings); 2) overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and 3) maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194
Violation Description:	Failure to maintain the following general tank operating requirements: a) Hazardous wastes or treatment reagents shall not be placed in a tank system if they could cause the tank, its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail. b) The owner or operator shall use appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. These include at a minimum: 1) Spill prevention controls (e.g., check valves, dry discount couplings); 2) Overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and 3)

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	Maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank.
Violation Notes:	Staining was seen on the 450g tanks and 1750g tanks and in the surrounding areas indicating an overfill or release. Appropriate controls and practices shall be used to prevent spills and overflows from the tank or secondary containment systems. These include at a minimum: - spill prevention controls (e.g., check valves, dry discount couplings); - overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and - maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank. Immediately implement [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description:	Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes:	Secondary containment was not provided for the 450 gallon tank. According Ryan Fane, P.E. this statement was made about the 1,750 gallon tank "The pit used for secondary containment does not appear to meet the requirements of 22 CCR 66265.193 as it did not appear to be lined and cracks were observed in concrete above the liquid level in the pit at the time of inspection". Secondary containment shall be provided for tank systems to prevent the release of hazardous waste or hazardous constituents to the environment. According to Mr. Boscacci, this facility is working on providing the secondary containment in the near future. Secondary containment shall be designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system, and capable of detecting and collecting releases and accidental accumulated liquids until the collected material is removed. [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Description: Failure to meet the following requirements of excluded recyclable materials: 1) Used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2) Used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3) Returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, 4) The material is recycled and used at the same facility at which the material was generated, or by the same corporate entity, 5) The material is recycled within the applicable generator accumulation time, 6) The material is managed in accordance with all applicable requirements for generators of hazardous wastes, 7) If the material is held in a container or tank, the container or tank is labeled, marked, and placarded in accordance with the department's hazardous waste labeling, marking, and placarding requirements which are applicable to generators, except that the container or tank shall be labeled or marked clearly with the words "Excluded Recyclable Material" instead of the words "Hazardous Waste," 8) If the material is used oil, the containers, aboveground tanks, and fill pipes used to transfer oil into underground storage tanks shall also be labeled and clearly marked with the words "Used Oil", 9) The owner or operator of the business location where the material is located has a business plan that meets the following minimal requirements: emergency response plans and procedures, which specifically address the material or that meets the emergency response and contingency requirements which are applicable to generators of hazardous waste, and 10) The material shall be stored and handled in accordance with all local ordinances and codes.

Violation Notes: Grit blast is claimed to be an excluded recyclable waste but does not meet the requirements to be considered so. A waste may be considered an excluded recyclable material if recycled by any of the following methods 1. used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2. used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3. returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, And shall meet all of the following conditions: 1. the material is recycled and used at the same facility at which the material was generated, or by the same corporate entity, 2. the material is recycled within the applicable generator accumulation time, 3. the is [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

stored in a manner which may rupture the container or cause it to leak.

Violation Notes: The following open containers were noted at the time of inspection: 1) One-black 55-gallon container of MEK (stored inside the main mechanic shop) had a funnel installed which was not latched. 2) In the bag house room, hazardous waste (grit blast) was generated and put into one 55-gallon container which was lacking a lid. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. 3) One 55-gallon container of oily debris which had a lid but the lid was not fastened was observed inside the mechanic shop. All hazardous waste containers shall be closed at all times except when adding or removing waste. Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)

Violation Description: Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems, bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).

Violation Notes: Inspections of the hazardous waste tank system was not performed and documented. The following items are required to be inspected at least daily: 1. overfill/spill control equipment; 2. aboveground portions of the tank system to detect corrosion or releases of water; 3. data gathered from monitoring and leak-detection equipment; 4. outside areas of the tank system including secondary containment to detect erosion or signs of releases of hazardous waste; 5. for uncovered tanks, the level of waste in the tank. Immediately begin required inspections of the hazardous waste tank system, and document the items inspected. Submit a copy of the inspection log for the next 30 days to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

15, Section(s) 66265.33

Violation Description: Failure of the facility to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.

Violation Notes: The following was noted at the time of inspection: 1) Eye washes were seen throughout the facility that were not functioning properly (for example an eye wash located in furnace area located next to a cylinder of mono oxide was lacking caps). 2) Two spill pallets located in the satellite hazardous waste storage area (room with MEK) had free standing liquid in them. 3) Spill pallets throughout the facility, inside and outside had free standing liquid in them. 4) An outdoor spill pallet for the diesel fueling station located next to the 1,000 gallon diesel tank was half full with red dye diesel. 5) Oily debris were observed inside the secondary containment under the new oil containers which are being stored next to the "Hot Vat" area, it's unclear from the communication with Mr. Boscacci, how often the oily pads are being changed out. 6) Oily spillage was observed in the Batch House area under a mixing equipment and inside the secondary containment pan located under [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22

Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.

Violation Notes: A label of the 55-gallon container of fuel filters observed in the vehicle maintenance area didn't indicate that filters were drained and lacked an it lacked accumulation start date. Used oil filters shall be drained of free-flowing oil, stored in a closed, rainproof container, labeled as drained used oil filters, and marked with an accumulation start date. Immediately manage filters, as required, and ensure that all used oil filters are managed in this way. Submit proof of correction to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: If claiming impracticability of appropriate containment/diversionary structures: Failure to have a professional engineer clearly denote and demonstrate the impracticability of appropriate containment/diversionary structures.

Violation Notes: Returned to compliance on 08/23/2016. Periodic integrity testing options were not evaluated in the Spill Prevention, Control, and Countermeasure (SPCC) Plan. If any structures or equipment were not installed to prevent a discharge due to impracticality, the SPCC Plan must clearly explain why the measures are not practicable, periodic

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

integrity testing shall be performed on bulk storage containers, and periodic integrity and leak testing shall be performed on the valves and piping. Immediately amend the SPCC Plan and submit a copy of the changes to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to perform a five-year review of the SPCC plan.
Violation Notes: Returned to compliance on 08/23/2016. The Spill Prevention, Control, and Countermeasure (SPCC) Plan was last reviewed on March 4, 2011. Incorrect emergency coordinator information was noted in the reviewed SPCC plan; Lisa Mendoza is still listed on the reviewed plan, reportedly Lisa had left the facility sometime in 2013. Also, page 22 of the reviewed plan indicated that an inspection checklist is provided in Appendix D, no inspection checklist was present in Appendix D. A review and evaluation of the SPCC Plan must be conducted at least once every 5 years. As a result of this review and evaluation, the SPCC Plan must be amended within 6 months of review, and recertified by a Professional Engineer if any technical amendments were made. Immediately conduct a review of the facility SPCC Plan and make any necessary amendments.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to include inspections of tank supports/foundation, deterioration, discharges and/or accumulations of oil inside diked areas, and comparison records in the records of inspections (or customary business records).
Violation Notes: API-653 Tank reports (dated 6-13-2012), prepared for the 450-gallon and the 1,750 gallon waste oil tanks, were reviewed at the time of inspection. No integrity testing reports were available for the rest of the onsite tanks. The reviewed API-653 Tank reports could only be utilized for these tanks, if these tanks were built according to the APA-650 standards. However, according to the reviewed API-653 Tank reports reports, these tanks (for which these integrity testing reports were prepared, the 450-gallon and the 1,750-gallon tanks), were not built to any observed codes . Each aboveground container shall be tested and inspected for integrity on a regular schedule and whenever repairs are made. The qualifications of personnel performing tests and inspections, frequency and type of testing and inspections that take into account container size, configuration, and design shall be determined in accordance with industry standards. Examples of these integrity tests include, but [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: -Metal fines seen throughout the facility, from different machinery are being handled as scrap metal. According to the return to compliance submitted July 8, 2011 all metal lathes, (it do not indicate which one, how many, or where they were located), one lathe was proven to have particles less than 100 microns and would be handled as hazardous waste. At time of inspection no hazardous waste records for metal fines were available and inspectors were told all metal grindings and fines are handled as scrap metal. -In the bag house room, hazardous waste (grit blast) was generated and put in 55g drums from bag houses. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. -"Grit blast" in damaged containers was seen leaking outside of the "Chromox" & "Iron Oxide" storage building onto the ground and into the air. - Hazardous waste from the baghouses in the basement has been released all over the ground [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide and maintain adequate secondary containment.
Violation Notes: According to the site inspection and according to the reviewed tank assessment report, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the 450-gallon and 1750-gallon waste oil tanks appear to have insufficient secondary containment. The reviewed waste oil tank assessment, indicated the oil water separator pit used as secondary containment for the 1,750-gallon tank "doesn’t appear to meet the requirements of 22 CCR 66265.193 and it didn’t appear to be lined and cracks were observed in concrete above the liquid level in the pit". Furthermore, according to the same tank assessment, the 450-gallon waste oil tank has no secondary containment. Also, the oily waste mixture, referred to as "biosol" and used in the glass making process, discharges directly from the glass making area into an unlined area where it pools and subsequently flows into the in-ground oil water separators. All bulk storage tanks must be provided with a secondary means of containment for the [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.35 - California Code of Regulations, Title 22, Chapter

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

15, Section(s) 66265.35

Violation Description: Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes.

Violation Notes: Three 55 gallon containers stored in two layers inside the "Blue Barn" (the main hazardous waste storage area) were placed in a way that their labels couldn't be reviewed at the time of inspection. Adequate aisle space shall be maintained to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to all areas of facility operation in an emergency. Immediately maintain aisle space to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to any area of facility operation in an emergency.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to adequately describe the physical layout of the facility, or no description of the physical layout of the facility included within the SPCC plan.

Violation Notes: No transfer pipes were noted on the reviewed facility diagram included in the reviewed the Spill Prevention, Control, and Countermeasure (SPCC) plan. The SPCC Plan shall include a facility diagram which must mark the location and contents of each fixed storage container and the storage area where mobile or portable containers are located. It must identify the location of and mark as "exempt" underground tanks. It must also include all transfer stations and connecting pipes, including intra-facility gathering lines. Immediately update the facility diagram to include all of the required information. Submit a legible copy of the updated facility diagram to the EHD for review.

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

Violation Description: RCRA Large Quantity Generator Program - Operations/Maintenance - General

Violation Notes: At time of inspection, the following empty containers which previously held a a hazardous material were seen: -one 55 gallon white poly drum labeled ChemTreat CL-2150 -one 55 gallon blue poly drum labeled CL-2212 -more than sixteen 250g poly totes near the blue barn -more than 20 55 gallon drums near the blue barn. Containers larger than five gallons that previously held a hazardous material shall be marked with the date they were emptied and managed within one year of being emptied. Immediately mark and manage all empty containers per this section.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/25/2016. At time of inspection: -Three 55g drums of Non RCRA hazardous waste solid (oily debris) were seen without a hazardous property (other was marked) -One 55g drum of Non RCRA hazardous waste (oil, water) was seen without a hazardous property marked. -One 55g drum of Non RCRA hazardous waste liquid (Ethylene glycol) was seen without a hazardous property marked. -One 55g drum of Non RCRA hazardous waste liquid (oil) was seen without a hazardous property marked. -Eight white totes of Hazardous Waste solid (Chromium Lead Selenium) were seen without a hazardous property (other was marked). -One 55g drum of oily contaminated debris near the vehicle maintenance area was seen without a hazardous waste label. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date Immediately [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.33
Violation Description: Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes: Returned to compliance on 07/25/2016. -Eye washes were seen throughout the facility that were not functioning properly. -Two spill pallets in the satellite hazardous waste storage area (room with MEK) had free standing liquid in them. -Spill pallets throughout the facility, inside and outside had free standing liquid in them. All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment, where required, shall be tested and maintained as necessary to assure its proper operation in time of emergency. Remove the liquid from all spill pallets, make a hazardous waste determination and handle according to Title 22. Submit a statement to the EHD identifying how the above listed items were addressed.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Manifest numbers 007708761JJK, 012848915JJK, 004351297JJK were found without a signed off copy from the destination facility. Manifest number 013792833JJK was not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description: Failure to complete the Uniform Hazardous Waste Manifest exception requirements.
Violation Notes: Manifest number 016521542 JJK was found without a signed off copy from the destination facility and no exception report was filed. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the missing manifest, and a cover letter signed by the [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description: Failure to complete the uniform hazardous waste manifest exception

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

requirements.

Violation Notes: Manifest numbers 007708761JJK, 012848915JJK, 004351297JJK were found without a signed off copy from the destination facility. Manifest number 013792833JJK was not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)

Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.

Violation Notes: The hazardous waste tank assessment (dated 12-15-2016) for the 450-gallon tank located in the basement of Furnace C and the 1,750-gallon tank located in the basement of Furnace A/B are inadequate. The hazardous waste tank assessments are based on CCR 66265.191 (existing) and 66265.192 (new) and utilize API-653 which can not be used for these tanks, multiple items like PE certification, age of tank system, description of tank system including pumps, sketch of tank system, etc. are lacking. No tank assessment was available for the hazardous waste tank(s) located in the floor of the "Hot Vat" area. The hazardous waste tank assessment shall include but not be limited to all of the following information: 1. tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2. design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A. [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Manifest number 016521542 JJK was found without a signed off copy from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the missing manifest, and a cover letter signed by the generator explaining the efforts [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31

Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.

Violation Notes: In the blue barn: -Totes of hazardous waste containing chromium, lead and selenium were open, haphazardly closed, allowing the fine powder to be released throughout the barn , on the ground and in the air. -Free standing oily and whitish/yellow liquid behind and under the hazardous waste containers was seen. It could not be determined where it had come from (leaking containers, overfill,etc.) -In the outside storage area, near the SE corner, by the compressor room, totes and containers of "Chromox" and "Iron Oxide" were stored. These containers were releasing their product to the ground, to the air and potentially out the doors. When asked what would happen to the release, Bill said about monthly someone would come in sweep up the area and handle the sweepings as hazardous waste. A sample of this material was not taken outside the builiding but will be taken during the next inspection. Facilities shall be maintained and operated to minimize the possibility of a fire, [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 06-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code,

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	Chapter 6.67, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 07/29/2009.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	22 CCR 15 66265.171 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.171
Violation Description:	Failure to accumulate hazardous waste in a container that is in good condition.
Violation Notes:	Seven-55g drums of grit blast were seen stored outside on pallets. At the bottom of the rusty metal containers was caked grit blast. The grit blast was also seen on the ground around the pallets. Hazardous waste shall be stored in a container that are in good condition. Immediately transfer all hazardous wastes into containers that are in good condition or have hazardous wastes properly disposed of by a licensed hazardous waste hauler under a proper manifest.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description:	Failed to meet the conditions of satellite accumulation regulations, including but not limited to the following: accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator the container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accumulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first.
Violation Notes:	Not reported
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Description: Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information; A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age); 4) Description and evaluation of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste

Violation Notes: The hazardous waste tank assessment for the 450g tank located in the basement of Furnace C and the 1,750g tank located in the basement of Furnace A/B are inadequate. The hazardous waste tank assessments are based on CCR 66265.191 (existing) and 66265.192 (new) and utilize API-653 which can not be used for these tanks. The hazardous waste tank assessment shall include all of the following information: 1. tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2. design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A. material of construction; B. material thickness and the method used to determine the thickness; C. description of tank system piping (material, diameter); D. description of any internal and external pumps; and E. sketch or drawing of tank including dimensions. 3. [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or remanufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or remanufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of this section; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled.
(f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of this section shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: The following was noted at the time of inspection: 1) One unlabeled blue 55-gallon empty container with signs of corrosion and white powdery substance on the outside (located next to product container of "Rustriper", which had a corrosive warning label) was observed in the "Hot Vat" area. 2) Seven 55-gallon containers and twenty 250-gallon containers, located in the "Blue Barn" area were labeled as empty and were lacking the date they were emptied. Containers larger than five gallons that previously held a hazardous material shall be marked with the date they were emptied and managed within one year of being emptied. Immediately mark and manage all empty containers per this section, submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 31 67100.9 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.9
Violation Description: Failure of a large quantity generator to prepare a summary progress report every four years, using DTSC s Form # 1262 (3/99) titled "Summary Progress Report".
Violation Notes: A summary progress report available onsite (dated August 2015) was missing a page 1 and a table 2 for each of the listed waste stream. A Summary Progress Report, DTSC Form #1262, shall be prepared once every four years and submitted to DTSC. Immediately update a summary progress report, submit it to DTSC (and a copy to the EHD), as appropriate.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure of the containment systems, including walls and floors to be sufficiently impervious to contain oil.
Violation Notes: According to the site inspection and according to the reviewed tank assessment report for the 1,750 gallon waste oil tank, prepared by

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Canestoga-Rovers&Associates (dated August 15, 2012), the oil water separator pit used as the secondary containment for the 1,750 gallon waste oil tank "doesn't appear to meet the requirements of 22 CCR 66265.193 and it didn't appear to be lined and cracks were observed in concrete above the liquid level in the pit". Also, it was observed at the time of this inspection, that the oily water waste mixture (mixture of "biosol" and water which is used in the glass making process) discharges into an unlined soil area and then subsequently flows into the two oil water separator areas. As such, the diked areas onsite are is not impervious to contain discharged oil. Diked areas must be sufficiently impervious to contain discharged oil. Immediately provide or repair all diked areas to be sufficiently impervious to contain oil.

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.
Violation Notes: Employee training records for the management of hazardous waste were incomplete. Some training records are being maintained electronically, and no access to these records was available at the time of this multi day inspection, as such the completeness of the onsite training records couldn't be evaluated at this time. Employee training records shall include: 1. the job title for each position at the facility related to hazardous waste management, and the name of each employee filling each job; 2. written job description for each position listed above; 3. written description of the type and amount of both introductory and continuing training that will be given to each person filing positions listed above; 4. records that document that the training has been given to and completed by facility personnel. Training records on current employees shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 31 67100.8 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.8
Violation Description: Failure of a generator to conduct, when required, a source reduction evaluation review and plan every four years, and/or failure of the review and plan to contain all required information.
Violation Notes: A hazardous waste management performance report available onsite had

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

"red line" corrections, it was unclear at the time of inspection if it was ever finalized. A hazardous waste management performance report shall be prepared once every four years and contain the information listed in CCR 67100.8. Immediately update a hazardous waste management performance report and submit a copy to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.
Violation Notes: The following was noted at the time of inspection: 1) Floor sweepings which appeared to contain metal fines were observed inside a bin designated for cardboard recycling, located inside the main metal working shop. Ms. Liz Roblero who produced the waste, indicated that she didn't realize that the floor sweepings contained metal fines, and was unsure on how to address the issue when she was asked, under guidance from Mr. Boscacci, the waste was removed from the trash can at the time of inspection and placed into the onsite hazardous waste container. 2) A pair of oily gloves was removed from a trash can located inside the main mechanic shop area and placed inside the "oily debris" hazardous waste storage container, Mr. Boscacci indicated that facility personnel should know where to place oily implements. Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. 4) Metal fines [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to adequately discuss the facility transfer operations, pumping, and facility process within the SPCC plan.
Violation Notes: Returned to compliance on 08/23/2016. The reviewed SPCC plan didn't address the disposal methods for the recovered spill materials. Also, the plan's list of the required response coordinator and clean up contractors appeared to be out of date. The following shall be addressed in the Spill Prevention, Control, and Countermeasure (SPCC) Plan: - type of oil in each fixed container and it's storage capacity. For mobile or potable containers, the type of oil and storage capacity for each container or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities - discharge prevention measures including procedures for

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

routine handling of products - discharge or drainage controls such as secondary containment, equipment, and procedures for the control of a discharge - countermeasures for discharge discovery, response, and cleanup - methods of disposal of recovered materials - contact list and phone numbers for the facility [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: At time of inspection current training records could not be provided. Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1. procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2. key parameters for automatic waste feed cut-off systems; 3. communications or alarm systems; 4. response to fires or explosions; 5. response to ground-water contamination incidents; and 6. shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1. the job title for each position at the facility related to [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to discuss the appropriate containment/diversionary structures/equipment within the plan.
Violation Notes: According to the site inspection and according to the reviewed tank assessment report, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the 450-gallon and 1750-gallon waste oil tanks appear to have insufficient secondary containment. The reviewed waste oil tank assessment, indicated the oil water separator pit used as secondary containment for the 1,750-gallon tank "doesn't appear to meet the requirements of 22 CCR 66265.193 and it didn't appear to be lined and cracks were observed in concrete above the liquid level in the pit". Furthermore, according to the same tank assessment, the 450-gallon waste oil tank has no secondary containment. Also, the oily waste mixture, referred to as "biosol" and used in the glass making process, discharges directly from the glass making area into an unlined area where it pools and subsequently flows into the respective in-ground oil water separators. Also, standing oily liquid was noted next to the oil filled equipment, and [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.
Violation Notes: Oil handling personnel were not adequately trained. Thirty people were trained in 2010 compared to the most recent training during, which only two people were trained. The last spill prevention briefing was held in 2013. At a minimum, oil handling personnel shall be trained in the operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; and the contents of the Spill Prevention, Control, and Countermeasure Plan. Immediately provide this training to all oil handling personnel and submit a copy of the training log to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: No waste analysis was available for the metal fines being generated on site. These waste streams are mixed with the scrap metal recycling. A hazardous waste determination had been made according to the 2011 return to compliance certification but it was not indicated which waste streams were determined to be hazardous. The hazardous waste

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

analysis was not available on site for review. A generator shall make a hazardous waste determination and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last disposed of. Immediately stop recycling metal fines, locate a copy of the waste analysis conducted for all metal fines generated on site and submit copies to the EHD. If a copy is unavailable, immediately make a hazardous waste determination and begin managing the metal fines under Title 22 hazardous waste regulations. Particles 100 microns or [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 07/25/2016. -Eight-white tote bags of hazardous waste (chromium, lead, selenium) were seen open, or haphazardly closed. -One-15-20g black drum of MEK was open. -One 55g drum of oily contaminated debris near the vehicle maintenance area. All hazardous waste containers shall be closed at all times except when adding or removing waste. Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to obtain facility management approval to fully implement the SPCC Plan.
Violation Notes: Not reported
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: The facility s contingency plan is not current. According to Bill Boscacci, respirators must be worn inside the Batch House building, however this personal protective equipment use is not reflected in the reviewed contingency plan. Furthermore, the reviewed plan lists the last SPCC/ contingency plan related training as 9-11-2013. The

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contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Description: Failure to manage a recyclable material pursuant to HSC 6.5 25143.2(b), (c), or (d).
Violation Notes: Returned to compliance on 01/25/2017. "Grit Blast" waste is claimed to be an excluded recyclable waste but does not meet the requirements to be considered so, due to the inadequate management practices. Labeling for several ERM material containing totes, located adjacent to the EP building, was incomplete and lacked hazardous properties and physical state, the ERM labeling was corrected at the time of inspection. A waste may be considered an excluded recyclable material if recycled by any of the following methods 1. used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2. used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3. returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, And shall meet [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/08/2017. During the inspection, it was found that reportable amounts of hazardous material are present at the facility and the updated information has not been submitted. Within 30 days of one the following events, business shall electronically update the information submitted to the California Environmental Reporting

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

System (CERS): - A 100 percent or more increase in the quantity of a previously disclosed material. - Any handling of a previously undisclosed hazardous material - A change of business address, business ownership, or business name. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, enter the correct or updated information, and submit to the EHD for approval.

Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 06/19/2017. Employee training records were not available at the time of inspection. The business plan shall include provisions for ensuring that appropriate personnel receive initial and annual refresher training. This training shall be documented electronically or by hard copy and shall be made available for a minimum of three years. Immediately provide employee training for appropriate personnel and submit a copy of the training records to the EHD. A site map was not completed or submitted as part of the business plan.
Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to schedule and conduct spill prevention briefings at least once a year.
Violation Notes: Discharge prevention briefings are not scheduled at least once a year. According to William Boscacci, the last spill prevention briefing was held in 2013. Discharge prevention briefings for oil handling personnel must be scheduled and conducted at least once a year to assure adequate understanding of the SPCC Plan for that facility. Such briefings must highlight and describe known discharges or failures, malfunctioning components, and any recently developed precautionary measures. Immediately schedule and conduct a discharge prevention briefing, ensure that they are scheduled and conducted at least once a year.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Citation: HSC 6.5 25143.10 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.10
Violation Description: Failure of any person who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption, to submit recyclable materials report every two years.
Violation Notes: Returned to compliance on 01/25/2017. The "ESP Dust" and "Grit blast" is being recycled and all required information to claim the exclusion or exemption has not been submitted. To claim an exclusion or exemption from classifying this as a waste, the following information shall be submitted every two years: - name, site address, mailing address, and telephone number of the owner or operator of the facility that recycles the material; - name and address of the generator of the recyclable material; - documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met. Immediately provide all required information for every recyclable material that you wish to claim the exclusion or exemption and provide that information every two years. If the required information cannot be provided, the materials must immediately be handled as a hazardous waste. The Recyclable Materials Report Documentation was uploaded into CERS by the end of business day on 1-11-2-17. This was [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to promptly correct the causes of leaks that result in accumulations of oil in diked areas.
Violation Notes: Oily staining and standing oil were noted below the used oil tanks located in the vicinity of the onsite oil water separators.
Furthermore, the oil water separator, which was full of oily liquid at the time of inspection, is being used as a secondary containment for the 1,750-gallon used oil tank. Visible discharges which result in a loss of oil from a container, including but not limited to seams, gaskets, piping, pumps, valves, rivets, and bolts, must be promptly corrected. Immediately fix all leaks and clean all visible staining , and manage according to the California Code of Regulations Title 22 hazardous waste regulations. Maintain all diked areas free of all accumulations. Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Notes: The following was noted at the time of inspection: 1) Totes and containers of "Chromox" and "Iron Oxide" among other raw materials were stored inside the Minor Storage area, some of these containers (the source couldn't be definitively determined at the time of inspection, although Mr. Boscacci indicated that the spilled material is likely graphite) appeared to be releasing fine grayish powder to the floor of the storage area, this area is open to the outside. One hazardous waste container was present in this area, according to Mr. Boscacci any floor sweep from this area will be placed into this hazardous waste container. Not enough free material was available for a sample collection at the time of inspection. 2) Oily pooling and oily staining was observed throughout the furnace building where oily swabs are used in the glass molding operation. 3) Oily pooling and oily staining was observed throughout the Hot Vat area, with white powdery substance on the ground [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.52 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.52
Violation Description: Failure to include all of the following in the Contingency Plan: 1) A description of actions the facility personnel shall take response to fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water at the facility; 2) A description of arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services; 3) All names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinator and this list shall be kept up to date. Where more than one person is listed, one shall be named as primary emergency coordinator and others shall be listed in the order in which they will assume responsibility as alternates; 4) A list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems (internal and external), and decontamination equipment), where this equipment is required. This list shall be kept up to date. In addition, the plan shall include the location and a physical description of each item on the list, and a brief outline of its capabilities; 5) An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary. This plan is to describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes (in cases where the primary routes could be blocked by releases of hazardous waste or fires); 6) The current telephone number of the California Emergency Management Agency; and 7) If the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) or some other emergency or contingency plan, the owner or operator need only amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this chapter.
Violation Notes: The facility s contingency plan is outdated and incomplete The plan does not list an emergency coordinator or an alternate. The plan does list environmental engineer, Steve Howie and Lisa Mendoza, both who

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

are no longer with the company. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all others in order in which they will assume responsibilities; 4. List all emergency equipment, [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure of the LQG and/or TP generator, on all new and existing hazardous waste tank systems and ancillary equipment, to meet the following secondary containment requirements: 1) Designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system; and 2) Capable of detecting and collecting releases and accumulated liquids until the collected material is removed. 3) Constructed of or lined with materials that are compatible with the waste(s) to be placed in the tank system and shall have sufficient strength and thickness to prevent failure due to pressure gradients (including static head and external hydrological forces), physical contact with the waste to which they are exposed, climatic conditions, the stress of installation, and the stress of daily operation (including stresses from nearby vehicular traffic); 4) Placed on a foundation or base capable of providing support to the secondary containment system and resistance to pressure gradients above and below the system and capable of preventing failure due to settlement, compression, or uplift; 5) Provided with a leak detection system that is designed and operated so that it will detect the failure of either the primary and secondary containment structure or any release of hazardous waste or accumulated liquid in the secondary containment system within 24 hours, or at the earliest practicable time if the existing detection technology or site conditions will not allow detection of a release within 24 hours; 6) Sloped or otherwise designed or operated to drain and remove liquids resulting from leaks, spills, or precipitation. Spilled or leaked waste and accumulated precipitation shall be removed from the secondary containment system within 24 hours, or in as timely a manner as is possible to prevent harm to human health or the environment, if removal of the released waste or accumulated precipitation cannot be accomplished within 24
Violation Notes: Secondary containment was not provided for the 450 gallon tank. According Ryan Fane, P.E. this statement was made about the 1,750 gallon tank "The pit used for secondary containment does not appear to meet the requirements of 22 CCR 66265.193 as it did not appear to be lined and cracks were observed in concrete above the liquid level in the pit at the time of inspection". Secondary containment shall be

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

provided for tank systems to prevent the release of hazardous waste or hazardous constituents to the environment. Secondary containment shall be designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system, and capable of detecting and collecting releases and accidental accumulated liquids until the collected material is removed. Immediately provide secondary containment which meets the requirements of Title 22 for the 450 and 1,750g [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to maintain adequate records (or NPDES permit records) of drainage from diked areas.
Violation Notes: Records of drainage of uncontaminated rainwater from diked areas were not found on site. Adequate records (or NPDES permit records) of drainage from diked areas shall be retained. Immediately begin maintaining adequate records (or NPDES permit records) of drainage from diked areas. Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: The following was noted at the time of inspection: 1. An auger-type equipment still containing white powdery substance was observed in the outdoor area of the parts storage for the bag house, and a blue fan like piece of machinery still containing similar white substance was observed inside the bag house storage shed, both areas are located next to LF structures on the norther portion of the property. Mr. Boscacci indicated that he was not sure what the substance was, however the material was containerized at the time of inspection, and will be analyzed by the facility for profiling. 2. A torn up bag which was spilling its contents on the pavement (labeled Unimin and containing health and danger warnings on its label) was observed in the outdoor area of the parts storage for the bag house, located next to the LF structures on the norther portion of the property. Mr. Boscacci indicated that he was not sure what this substances was. 3. The laboratory analytical report [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2017

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	An inspection checklist was provided to the facility operator on the first day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the completed inspection report. Please be aware as of January 1, 2013, all businesses were required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous material activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields. For assistance with CERS, contact Willy Ng at 209-468-3448.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-19-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection continued.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-20-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection continued.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-25-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Due to the size of this facility, a multi-day routine hazardous waste facility inspection was conducted in January of 2017. Facility inspection was implemented over the course of the following days: 1-11-2017, 1-12-2017, 1-13-2017, 1-19-2017, 1-20-2017, and 1-25-2017. EHD inspectors were accompanied during the site walk through by Mr. Bill Boscacci. Samples were collected by the EHD inspector from the ground surface and equipment areas, on 1-11-2017 and on 1-19-2017, from the EP building and the Batch House, respectively. Inspection checklists were provided to the facility for each day of the inspection. The EHD has written the complete report which replaces all initial checklists. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division:	San Joaquin County Environmental Health

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Environmental Health Department (EHD) inspectors (Elena Manzo and Michelle Henry) conducted a routine Above Ground Petroleum Storage (APSA) inspection on April 14 and April 15, 2016. An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. According to the reviewed documentation this facility has a total shell capacity of 28,813 gallons. The reviewed SPCC plan was dated March 4, 2011. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division: San Joaquin County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations were noted at the time of the inspection. The routine inspection is also part of the evaluation review for the RMP submittal. Public comments were not received during the formal review period. Notes: This facility has two covered processes: Anhydrous Ammonia for bottle treatment and Aqueous Ammonia for Selective Catalytic Reduction. The max. quantity of Anhydrous Ammonia stored on site is 2,016 lbs. of gas within a 500 gallon pressure vessel. The pressure vessel has been shut off and a 150 lb. cylinder is currently being used because of overstock of the material. The cylinder is currently being secured with a nylon rope. Provide a means to secure the cylinder to the support structure which ensures that it will not fall during storage. The hose extending from the cylinder is taped to the pressure vessel. Provide a means to secure the hose from the cylinder to the t-fitting for the process piping. An eyewash/shower is currently not located near the [Truncated]

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Eval Division: San Joaquin County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-24-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Conducted a billable routine inspection. See service code 001 for details.
Eval Division: San Joaquin County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-14-2007
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Willy Ng
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Michelle Henry
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Enforcement Action:
Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Site Address: 14700 W SCHULTE RD
Site City: TRACY
Site Zip: 95376
Enf Action Date: 01-11-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Joaquin County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Site Address: 14700 W SCHULTE RD
Site City: TRACY
Site Zip: 95376
Enf Action Date: 01-11-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Joaquin County Environmental Health
Enf Action Program: HWLQG

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Enf Action Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	04-14-2016
Enf Action Type:	Referral to District Attorney
Enf Action Description:	Referral to District Attorney
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	APSA
Enf Action Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	04-14-2016
Enf Action Type:	Referral to District Attorney
Enf Action Description:	Referral to District Attorney
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HWLQG
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420

Affiliation Type Desc:	Document Preparer
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	14700 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95376

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Affiliation Phone:	(209) 836-8269

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	14700 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95376
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Bill Boscacci
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	OWENS-ILLINOIS INC
Entity Title:	Not reported
Affiliation Address:	One Michael Owens Way
Affiliation City:	Perrysburg
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	43551-2999
Affiliation Phone:	(567) 336-5000

Affiliation Type Desc:	Operator
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 836-8269

Affiliation Type Desc:	Parent Corporation
Entity Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	Bill Boscacci
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 321-4346

Site ID:	398799
CERS ID:	10153919
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	06-14-2007
Citation:	HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 06/28/2007.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/08/2017. Reportable amounts of CL 16, RL 9009, CL 206, electrostatic precipitator waste, Trona, compressed oxygen/nitrogen mixture, Techtro Gold III coolant, Purple Power degreaser; flammable liquid (MEK) waste, Spartan soap/degreaser, mortar/refractory and Glassflow White scoop lubricant were found on site that have not been reported. Any material that meets or exceeds the reportable quantity shall be reported in the facility's business plan. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, add the materials to the hazardous material inventory, and submit to the EHD for approval.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	An inspection was last done on 4-14-2016 and 4-15-2016, and an inspection report was issued identifying information to be submitted to bring this site into compliance. This information was required to be submitted within 30 days of the receipt of the full inspection report. This information has not been received within 30 days, as required, resulting in a non-compliant status for this facility. An

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

operator that receives an inspection report shall have 30 days to submit a written response that includes a statement documenting corrective actions taken or proposing corrective actions which will be taken. Ensure that a written response documenting corrective actions taken or proposed is submitted within 30 days of receiving an inspection report.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: The following was noted at the time of inspection: 1) In the bag house grit blast room, hazardous waste (grit blast) was generated and put a 55-gallon waste container. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. 2) Metal fines were observed inside a bin of scrap metal located inside the main mechanic shop, according to Mr. Boscacci all metal fines generated by the mechanic shop are being handled as hazardous. Mr Boscacci indicated that observed metal fines will be removed from the scrap metal bin at the time of inspection. This is a repeat violation from the 2016 hazardous waste inspection. Hazardous wastes shall be disposed of only by transportation to a permitted hazardous waste treatment, storage, and disposal facility (TSDF). Immediately cease illegal disposal of hazardous waste and ensure that all future waste is hauled by a licensed hazardous waste transporter to a permitted TSDF, as [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41
Violation Description: Failure of a large quantity RCRA generator to prepare the Biennial report (Form 8700), and submit to DTSC by March 1st on even numbered years ; and maintain it onsite for three years.
Violation Notes: A biennial report reviewed at the time of inspection listed that OxyEP Dust is not being recycled onsite, it is EHD's understanding that this material is being recycled onsite as part of the process. A Biennial Report, USEPA Form #8700, shall be prepared and submitted to DTSC by March 1 or each even-numbered year and maintained on site for at least three years. Immediately prepare an accurate biennial report, submit the information to DTSC (and a copy to the EHD) 30 days from receipt of this report, and maintain it on site.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: The facility s contingency plan is outdated and incomplete The plan does not list an emergency coordinator or an alternate. The plan does list environmental engineer, Steve Howie and Lisa Mendoza, both who are no longer with the company. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all others in order in which they will assume responsibilities; 4. List all emergency equipment, [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to test liquid level sensing devices to ensure proper operation.
Violation Notes: According to Mr. Boscacci, the existing liquid level sensing devices have not been tested for all existing tanks. Procedures and frequency of testing for these devices were not addressed in the Spill Prevention, Control, and Countermeasure (SPCC) plan. Liquid level sensing devices must be installed in accordance with CFR 112.8 and shall be regularly tested to ensure proper operation. Immediately conduct all necessary testing of liquid level sensing devices, or provide equivalence as allowed by CFR 112.7(a)(2). Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.

Violation Notes: Oily staining and standing oil were noted below the used oil tanks located in the vicinity of the onsite oil water separators. Furthermore, the oil water separator, which was full of oily liquid at the time of inspection, is being used as a secondary containment for the 1,750-gallon used oil tank. Inspections and testing shall be conducted on all aboveground liquid petroleum containers larger than 55 gallons, including the regulated oil filled equipment and all 55 gallon drums of oil. Although some inspections are being implemented, these inspections are not addressing the issues observed at the time of inspection. Records of these inspections and tests shall be signed by the appropriate supervisor or inspector and kept on site with the Spill Prevention, Control, and Countermeasure (SPCC) Plan for a period of three years. Immediately begin necessary and adequate testing and inspections for all Aboveground Petroleum Storage Act regulated containers and maintain on site with [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan .
Violation Notes: This facility has an Aboveground Petroleum Storage Act (APSA) regulated shell capacity of >10,000 gallons. A Spill Prevention, Control, and Countermeasure (SPCC) Plan (dated March 4, 2011) was onsite. The reviewed plan is not being implemented as written, for example, two people are required to be present during filling of the diesel tank (or present during filling of any container located some distance from the tanker), according to William Boscacci, this practice is not being implemented at this time. All facilities which have an APSA regulated shell capacity of 1,320 gallons or greater shall prepare a written SPCC Plan which meets all of the requirements of the 40 CFR Part 112. Each owner or operator specified in this subdivision shall prepare and implement the SPCC plan to assure compliance with Section 112 (commencing with Section 112.1) of Subchapter D of Chapter I of Title 40 of the Code of Federal Regulations. Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description: Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes: Returned to compliance on 07/25/2016. 22.5 Metric Tons (M) of "NA3077 Hazardous Waste, Solid, NOS, (cadmium, chromium, lead), 9, PG III" ,

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

waste tracking number 010315-28 and 20.3 M of "NA3077, Hazardous Waste, Solid, NOS, (cadmium, chromium, lead), 9, PG III" , waste tracking number 010315-29 was transported off site for disposal on August 3rd, 2015 without first preparing a uniform hazardous waste manifest. Uniform hazardous waste manifest 007708748JJK (20T) and 007708749JJK(18Y) were generated later. It appeared that 010315-28 corresponded to 007708749JJK and 010315-29 corresponded to 007708748JJK. A generator shall prepare a Uniform Hazardous Waste Manifest on EPA Form 8700-22 prior to the transport of a hazardous waste for off-site transfer, treatment, storage or disposal. Ensure that a manifest is prepared each time hazardous waste is transported for off site transfer, treatment, storage or disposal. Submit written documentation describing the weight discrepancies noted above and what steps will be [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 06-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/27/2009.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 25143.10 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.10
Violation Description: Failure of any person who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption, to provide the following information every two years: 1) The name, site address, mailing address, and telephone number of the owner or operator of any facility that recycles the material. 2) The name and address of the generator of the recyclable material. 3) Documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met, including the following: A) Where a person who recycles the material is not the same person who generated the recyclable material, documentation that there is a known market for disposition of the recyclable material and any products manufactured from the recyclable material. B) Where the basis for the exclusion is that the recyclable material is used or reused to make a product or as a safe and effective substitute for a commercial product, a general description of the material and products, identification of the constituents or group of constituents, and their approximate concentrations, that would render the material or product hazardous under the regulations adopted pursuant to HSC 25140 and 25141, if it were a waste, and the means by which the material is beneficially used.
Violation Notes: Grit blast is being recycled and all required information to claim the exclusion or exemption has not been submitted. To claim an exclusion

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

or exemption from classifying this as a waste, the following information shall be submitted every two years: - name, site address, mailing address, and telephone number of the owner or operator of the facility that recycles the material; - name and address of the generator of the recyclable material; - documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met. It was noted on a previous inspection report, the DTSC had been contacted and allowed the exclusion. Immediately provide all required information for every recyclable material that you wish to claim the exclusion or exemption and provide that information every two years. If the required information cannot be provided, the materials must immediately be handled as a hazardous waste.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 09/26/2017. The site map is not accurate and representative of much of the facility; there are structures shown on the map are not present at the facility and there are structures at the facility not shown on the map; additionally, loading areas, access and exit points, emergency shutoffs, emergency response and many of the hazardous materials storage and handling locations are not shown. A site map shall contain a north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, upload the correct or updated information, and submit to the EHD for approval.
Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to make SPCC plan amendment(s) when the facility has had a change in: design, construction, operation, or maintenance which affects the facility s discharge potential.
Violation Notes: Not reported
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22,

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/25/2017. 1) The labeling of five 55-gallon hazardous waste containers located next to the EP Building lacked hazardous properties and physical state. The label of one 55-gallon container located inside the ChromOx Minor Storage building was lacking hazardous properties. One 55-gallon container of oily waste had an "ERM" label, the ERM label was removed at the time of inspection and will be labeled as oily debris, per Mr. Boscacci. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date The labeling of these containers was corrected at the time of inspection, ensure that all containers are labeled as appropriate at all times. Submit proof of correction for the labeling of the 55-gallon container of oily debris originally labeled as ERM. 2) One 55-gallon container of oily debris [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194
Violation Description: Failure to place wastes or treatment reagents in a tank system that could cause the tank , its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail; and for not using appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. (Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure).
Violation Notes: Staining and pooling liquid was seen on the 450-gallon tanks and 1750-gallon tanks and in the surrounding areas indicating an overfill or release. Appropriate controls and practices shall be used to prevent spills and overflows from the tank or secondary containment systems. These include at a minimum: 1) spill prevention controls (e.g., check valves, dry discount couplings); 2) overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and 3) maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194
Violation Description: Failure to maintain the following general tank operating requirements: a) Hazardous wastes or treatment reagents shall not be placed in a tank system if they could cause the tank, its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail. b) The owner or operator shall use appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. These include at a minimum: 1) Spill prevention controls (e.g., check valves, dry discount couplings); 2) Overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and 3) Maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank.
Violation Notes: Staining was seen on the 450g tanks and 1750g tanks and in the surrounding areas indicating an overfill or release. Appropriate controls and practices shall be used to prevent spills and overflows from the tank or secondary containment systems. These include at a minimum: - spill prevention controls (e.g., check valves, dry discount couplings); - overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and - maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank. Immediately implement [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: Secondary containment was not provided for the 450 gallon tank. According Ryan Fane, P.E. this statement was made about the 1,750 gallon tank "The pit used for secondary containment does not appear to meet the requirements of 22 CCR 66265.193 as it did not appear to be lined and cracks were observed in concrete above the liquid level in the pit at the time of inspection". Secondary containment shall be provided for tank systems to prevent the release of hazardous waste or hazardous constituents to the environment. According to Mr. Boscacci, this facility is working on providing the secondary containment in the near future. Secondary containment shall be designed, installed, and operated to prevent any migration of wastes or accumulated liquid out

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

of the system to the soil, ground water, or surface water at any time during the use of the tank system, and capable of detecting and collecting releases and accidental accumulated liquids until the collected material is removed. [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Description: Failure to meet the following requirements of excluded recyclable materials: 1) Used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2) Used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3) Returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, 4) The material is recycled and used at the same facility at which the material was generated, or by the same corporate entity, 5) The material is recycled within the applicable generator accumulation time, 6) The material is managed in accordance with all applicable requirements for generators of hazardous wastes, 7) If the material is held in a container or tank, the container or tank is labeled, marked, and placarded in accordance with the department's hazardous waste labeling, marking, and placarding requirements which are applicable to generators, except that the container or tank shall be labeled or marked clearly with the words "Excluded Recyclable Material" instead of the words "Hazardous Waste," 8) If the material is used oil, the containers, aboveground tanks, and fill pipes used to transfer oil into underground storage tanks shall also be labeled and clearly marked with the words "Used Oil", 9) The owner or operator of the business location where the material is located has a business plan that meets the following minimal requirements: emergency response plans and procedures, which specifically address the material or that meets the emergency response and contingency requirements which are applicable to generators of hazardous waste, and 10) The material shall be stored and handled in accordance with all local ordinances and codes.
Violation Notes: Grit blast is claimed to be an excluded recyclable waste but does not meet the requirements to be considered so. A waste may be considered an excluded recyclable material if recycled by any of the following methods 1. used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2. used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3. returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, And shall meet all of the following conditions: 1. the material is recycled and used at the same facility at which the material was generated, or by the same corporate entity, 2. the material is recycled within the applicable generator accumulation time, 3. the is [Truncated]

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: The following open containers were noted at the time of inspection: 1) One-black 55-gallon container of MEK (stored inside the main mechanic shop) had a funnel installed which was not latched. 2) In the bag house room, hazardous waste (grit blast) was generated and put into one 55-gallon container which was lacking a lid. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. 3) One 55-gallon container of oily debris which had a lid but the lid was not fastened was observed inside the mechanic shop. All hazardous waste containers shall be closed at all times except when adding or removing waste. Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)
Violation Description: Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems, bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).
Violation Notes: Inspections of the hazardous waste tank system was not performed and documented. The following items are required to be inspected at least daily: 1. overfill/spill control equipment; 2. aboveground portions of the tank system to detect corrosion or releases of water; 3. data gathered from monitoring and leak-detection equipment; 4. outside areas of the tank system including secondary containment to detect

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

erosion or signs of releases of hazardous waste; 5. for uncovered tanks, the level of waste in the tank. Immediately begin required inspections of the hazardous waste tank system, and document the items inspected. Submit a copy of the inspection log for the next 30 days to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.33
Violation Description: Failure of the facility to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes: The following was noted at the time of inspection: 1) Eye washes were seen throughout the facility that were not functioning properly (for example an eye wash located in furnace area located next to a cylinder of mono oxide was lacking caps). 2) Two spill pallets located in the satellite hazardous waste storage area (room with MEK) had free standing liquid in them. 3) Spill pallets throughout the facility, inside and outside had free standing liquid in them. 4) An outdoor spill pallet for the diesel fueling station located next to the 1,000 gallon diesel tank was half full with red dye diesel. 5) Oily debris were observed inside the secondary containment under the new oil containers which are being stored next to the "Hot Vat" area, it’s unclear from the communication with Mr. Boscacci, how often the oily pads are being changed out. 6) Oily spillage was observed in the Batch House area under a mixing equipment and inside the secondary containment pan located under [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: A label of the 55-gallon container of fuel filters observed in the vehicle maintenance area didn’t indicate that filters were drained and lacked an it lacked accumulation start date. Used oil filters shall be drained of free-flowing oil, stored in a closed, rainproof container, labeled as drained used oil filters, and marked with an accumulation start date. Immediately manage filters, as required, and ensure that all used oil filters are managed in this way. Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: If claiming impracticability of appropriate containment/diversionary structures: Failure to have a professional engineer clearly denote and demonstrate the impracticability of appropriate containment/diversionary structures.
Violation Notes: Returned to compliance on 08/23/2016. Periodic integrity testing options were not evaluated in the Spill Prevention, Control, and Countermeasure (SPCC) Plan. If any structures or equipment were not installed to prevent a discharge due to impracticality, the SPCC Plan must clearly explain why the measures are not practicable, periodic integrity testing shall be performed on bulk storage containers, and periodic integrity and leak testing shall be performed on the valves and piping. Immediately amend the SPCC Plan and submit a copy of the changes to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to perform a five-year review of the SPCC plan.
Violation Notes: Returned to compliance on 08/23/2016. The Spill Prevention, Control, and Countermeasure (SPCC) Plan was last reviewed on March 4, 2011. Incorrect emergency coordinator information was noted in the reviewed SPCC plan; Lisa Mendoza is still listed on the reviewed plan, reportedly Lisa had left the facility sometime in 2013. Also, page 22 of the reviewed plan indicated that an inspection checklist is provided in Appendix D, no inspection checklist was present in Appendix D. A review and evaluation of the SPCC Plan must be conducted at least once every 5 years. As a result of this review and evaluation, the SPCC Plan must be amended within 6 months of review, and recertified by a Professional Engineer if any technical amendments were made. Immediately conduct a review of the facility SPCC Plan and make any necessary amendments.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to include inspections of tank supports/foundation, deterioration, discharges and/or accumulations of oil inside diked areas, and comparison records in the records of inspections (or customary business records).
Violation Notes: API-653 Tank reports (dated 6-13-2012), prepared for the 450-gallon and the 1,750 gallon waste oil tanks, were reviewed at the time of inspection. No integrity testing reports were available for the rest of the onsite tanks. The reviewed API-653 Tank reports could only be

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

utilized for these tanks, if these tanks were built according to the APA-650 standards. However, according to the reviewed API-653 Tank reports reports, these tanks (for which these integrity testing reports were prepared, the 450-gallon and the 1,750-gallon tanks), were not built to any observed codes . Each aboveground container shall be tested and inspected for integrity on a regular schedule and whenever repairs are made. The qualifications of personnel performing tests and inspections, frequency and type of testing and inspections that take into account container size, configuration, and design shall be determined in accordance with industry standards. Examples of these integrity tests include, but [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: -Metal fines seen throughout the facility, from different machinery are being handled as scrap metal. According to the return to compliance submitted July 8, 2011 all metal lathes, (it do not indicate which one, how many, or where they were located), one lathe was proven to have particles less than 100 microns and would be handled as hazardous waste. At time of inspection no hazardous waste records for metal fines were available and inspectors were told all metal grindings and fines are handled as scrap metal. -In the bag house room, hazardous waste (grit blast) was generated and put in 55g drums from bag houses. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. -"Grit blast" in damaged containers was seen leaking outside of the "Chromox" & "Iron Oxide" storage building onto the ground and into the air. - Hazardous waste from the baghouses in the basement has been released all over the ground [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide and maintain adequate secondary containment.
Violation Notes: According to the site inspection and according to the reviewed tank assessment report, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the 450-gallon and 1750-gallon waste oil tanks appear to have insufficient secondary containment. The reviewed waste oil tank assessment, indicated the oil water separator pit used as secondary containment for the 1,750-gallon tank "doesn’t appear to meet the requirements of 22 CCR 66265.193 and it didn’t appear to be lined and cracks were observed in concrete above the liquid level in the pit". Furthermore, according to the same tank assessment, the 450-gallon waste oil tank has no secondary containment. Also, the oily

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	waste mixture, referred to as "biosol" and used in the glass making process, discharges directly from the glass making area into an unlined area where it pools and subsequently flows into the in-ground oil water separators. All bulk storage tanks must be provided with a secondary means of containment for the [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 15 66265.35 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.35
Violation Description:	Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes.
Violation Notes:	Three 55 gallon containers stored in two layers inside the "Blue Barn" (the main hazardous waste storage area) were placed in a way that their labels couldn't be reviewed at the time of inspection. Adequate aisle space shall be maintained to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to all areas of facility operation in an emergency. Immediately maintain aisle space to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to any area of facility operation in an emergency.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to adequately describe the physical layout of the facility, or no description of the physical layout of the facility included within the SPCC plan.
Violation Notes:	No transfer pipes were noted on the reviewed facility diagram included in the reviewed the Spill Prevention, Control, and Countermeasure (SPCC) plan. The SPCC Plan shall include a facility diagram which must mark the location and contents of each fixed storage container and the storage area where mobile or portable containers are located. It must identify the location of and mark as "exempt" underground tanks. It must also include all transfer stations and connecting pipes, including intra-facility gathering lines. Immediately update the facility diagram to include all of the required information. Submit a legible copy of the updated facility diagram to the EHD for review.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	RCRA Large Quantity Generator Program - Operations/Maintenance - General
Violation Notes:	At time of inspection, the following empty containers which previously held a a hazardous material were seen: -one 55 gallon white poly drum labeled ChemTreat CL-2150 -one 55 gallon blue poly drum labeled CL-2212 -more than sixteen 250g poly totes near the blue barn -more than 20 55 gallon drums near the blue barn. Containers larger than five gallons that previously held a hazardous material shall be marked with the date they were emptied and managed within one year of being emptied. Immediately mark and manage all empty containers per this section.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 07/25/2016. At time of inspection: -Three 55g drums of Non RCRA hazardous waste solid (oily debris) were seen without a hazardous property (other was marked) -One 55g drum of Non RCRA hazardous waste (oil, water) was seen without a hazardous property marked. -One 55g drum of Non RCRA hazardous waste liquid (Ethylene glycol) was seen without a hazardous property marked. -One 55g drum of Non RCRA hazardous waste liquid (oil) was seen without a hazardous property marked. -Eight white totes of Hazardous Waste solid (Chromium Lead Selenium) were seen without a hazardous property (other was marked). -One 55g drum of oily contaminated debris near the vehicle maintenance area was seen without a hazardous waste label. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date Immediately [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.33
Violation Description:	Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes:	Returned to compliance on 07/25/2016. -Eye washes were seen throughout the facility that were not functioning properly. -Two spill pallets in the satellite hazardous waste storage area (room with MEK) had free standing liquid in them. -Spill pallets throughout the facility,

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

inside and outside had free standing liquid in them. All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment, where required, shall be tested and maintained as necessary to assure its proper operation in time of emergency. Remove the liquid from all spill pallets, make a hazardous waste determination and handle according to Title 22. Submit a statement to the EHD identifying how the above listed items were addressed.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Manifest numbers 007708761JJK, 012848915JJK, 004351297JJK were found without a signed off copy from the destination facility. Manifest number 013792833JJK was not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description: Failure to complete the Uniform Hazardous Waste Manifest exception requirements.
Violation Notes: Manifest number 016521542 JJK was found without a signed off copy from the destination facility and no exception report was filed. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted

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by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the missing manifest, and a cover letter signed by the [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description: Failure to complete the uniform hazardous waste manifest exception requirements.
Violation Notes: Manifest numbers 007708761JJK, 012848915JJK, 004351297JJK were found without a signed off copy from the destination facility. Manifest number 013792833JJK was not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes: The hazardous waste tank assessment (dated 12-15-2016) for the 450-gallon tank located in the basement of Furnace C and the 1,750-gallon tank located in the basement of Furnace A/B are inadequate. The hazardous waste tank assessments are based on CCR 66265.191 (existing) and 66265.192 (new) and utilize API-653 which can not be used for these tanks, multiple items like PE certification, age of tank system, description of tank system including pumps, sketch of tank system, etc. are lacking. No tank assessment was available for the hazardous waste tank(s) located in the floor of the "Hot Vat" area. The hazardous waste tank assessment shall include but not be limited to all of the following information: 1. tank configuration

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

(i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2. design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A. [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Manifest number 016521542 JJK was found without a signed off copy from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the missing manifest, and a cover letter signed by the generator explaining the efforts [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.
Violation Notes: In the blue barn: -Totes of hazardous waste containing chromium, lead and selenium were open, haphazardly closed, allowing the fine powder to be released throughout the barn , on the ground and in the air. -Free standing oily and whitish/yellow liquid behind and under the hazardous waste containers was seen. It could not be determined where it had come from (leaking containers, overfill,etc.) -In the outside storage area, near the SE corner, by the compressor room, totes and containers of "Chromox" and "Iron Oxide" were stored. These containers were releasing their product to the ground, to the air and potentially out the doors. When asked what would happen to the release, Bill said

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

about monthly someone would come in sweep up the area and handle the sweepings as hazardous waste. A sample of this material was not taken outside the builiding but will be taken during the next inspection. Facilities shall be maintained and operated to minimize the possibility of a fire, [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 06-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/29/2009.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.171 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.171
Violation Description: Failure to accumulate hazardous waste in a container that is in good condition.
Violation Notes: Seven-55g drums of grit blast were seen stored outside on pallets. At the bottom of the rusty metal containers was caked grit blast. The grit blast was also seen on the ground around the pallets. Hazardous waste shall be stored in a container that are in good condition. Immediately transfer all hazardous wastes into containers that are in good condition or have hazardous wastes properly disposed of by a licensed hazardous waste hauler under a proper manifest.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description: Failed to meet the conditions of satellite accumulation regulations, including but not limited to the following: accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator the container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year,

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i.e., the combined accumulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first.

Violation Notes: Not reported
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description: Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information; A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age); 4) Description and evaluation of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste
Violation Notes: The hazardous waste tank assessment for the 450g tank located in the basement of Furnace C and the 1,750g tank located in the basement of Furnace A/B are inadequate. The hazardous waste tank assessments are based on CCR 66265.191 (existing) and 66265.192 (new) and utilize API-653 which can not be used for these tanks. The hazardous waste tank assessment shall include all of the following information: 1. tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2. design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A. material of construction; B. material thickness and the method used to determine the thickness; C. description of tank system piping (material, diameter); D. description of any internal and external

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pumps; and E. sketch or drawing of tank including dimensions. 3. [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or remanufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or remanufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of this section; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of this section shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes: The following was noted at the time of inspection: 1) One unlabeled blue 55-gallon empty container with signs of corrosion and white powdery substance on the outside (located next to product container of "Rustriper", which had a corrosive warning label) was observed in the "Hot Vat" area. 2) Seven 55-gallon containers and twenty 250-gallon containers, located in the "Blue Barn" area were labeled as empty and were lacking the date they were emptied. Containers larger than five gallons that previously held a hazardous material shall be marked with the date they were emptied and managed within one year of being emptied. Immediately mark and manage all empty containers per this section, submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 31 67100.9 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.9
Violation Description: Failure of a large quantity generator to prepare a summary progress report every four years, using DTSC s Form # 1262 (3/99) titled "Summary Progress Report".
Violation Notes: A summary progress report available onsite (dated August 2015) was missing a page 1 and a table 2 for each of the listed waste stream. A Summary Progress Report, DTSC Form #1262, shall be prepared once every four years and submitted to DTSC. Immediately update a summary progress report, submit it to DTSC (and a copy to the EHD), as appropriate.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure of the containment systems, including walls and floors to be sufficiently impervious to contain oil.
Violation Notes: According to the site inspection and according to the reviewed tank assessment report for the 1,750 gallon waste oil tank, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the oil water separator pit used as the secondary containment for the 1,750 gallon waste oil tank "doesn't appear to meet the requirements of 22 CCR 66265.193 and it didn't appear to be lined and cracks were observed in concrete above the liquid level in the pit". Also, it was observed at the time of this inspection, that the oily water waste mixture (mixture of "biosol" and water which is used in the glass making process) discharges into an unlined soil area and then subsequently flows into the two oil water separator areas. As such, the diked areas onsite are is not impervious to contain discharged oil. Diked areas must be sufficiently impervious to contain discharged oil. Immediately provide or repair all diked areas to be sufficiently impervious to contain oil.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.
Violation Notes: Employee training records for the management of hazardous waste were incomplete. Some training records are being maintained electronically, and no access to these records was available at the time of this multi day inspection, as such the completeness of the onsite training records couldn't be evaluated at this time. Employee training records shall include: 1. the job title for each position at the facility related to hazardous waste management, and the name of each employee filling each job; 2. written job description for each position listed above; 3. written description of the type and amount of both introductory and continuing training that will be given to each person filing positions listed above; 4. records that document that the training has been given to and completed by facility personnel. Training records on current employees shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years [Truncated]

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 31 67100.8 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.8
Violation Description: Failure of a generator to conduct, when required, a source reduction evaluation review and plan every four years, and/or failure of the review and plan to contain all required information.
Violation Notes: A hazardous waste management performance report available onsite had "red line" corrections, it was unclear at the time of inspection if it was ever finalized. A hazardous waste management performance report shall be prepared once every four years and contain the information listed in CCR 67100.8. Immediately update a hazardous waste management performance report and submit a copy to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.
Violation Notes: The following was noted at the time of inspection: 1) Floor sweepings which appeared to contain metal fines were observed inside a bin designated for cardboard recycling, located inside the main metal working shop. Ms. Liz Roblero who produced the waste, indicated that she didn’t realize that the floor sweepings contained metal fines, and was unsure on how to address the issue when she was asked, under guidance from Mr. Boscacci, the waste was removed from the trash can at the time of inspection and placed into the onsite hazardous waste container. 2) A pair of oily gloves was removed from a trash can located inside the main mechanic shop area and placed inside the "oily debris" hazardous waste storage container, Mr. Boscacci indicated that facility personnel should know where to place oily implements. Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. 4) Metal fines [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to adequately discuss the facility transfer operations, pumping, and facility process within the SPCC plan.

Violation Notes: Returned to compliance on 08/23/2016. The reviewed SPCC plan didn't address the disposal methods for the recovered spill materials. Also, the plan's list of the required response coordinator and clean up contractors appeared to be out of date. The following shall be addressed in the Spill Prevention, Control, and Countermeasure (SPCC) Plan: - type of oil in each fixed container and it's storage capacity. For mobile or potable containers, the type of oil and storage capacity for each container or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities - discharge prevention measures including procedures for routine handling of products - discharge or drainage controls such as secondary containment, equipment, and procedures for the control of a discharge - countermeasures for discharge discovery, response, and cleanup - methods of disposal of recovered materials - contact list and phone numbers for the facility [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16

Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: At time of inspection current training records could not be provided. Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1. procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2. key parameters for automatic waste feed cut-off systems; 3. communications

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	or alarm systems; 4. response to fires or explosions; 5. response to ground-water contamination incidents; and 6. shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1. the job title for each position at the facility related to [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to discuss the appropriate containment/diversionary structures/equipment within the plan.
Violation Notes:	According to the site inspection and according to the reviewed tank assessment report, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the 450-gallon and 1750-gallon waste oil tanks appear to have insufficient secondary containment. The reviewed waste oil tank assessment, indicated the oil water separator pit used as secondary containment for the 1,750-gallon tank "doesn't appear to meet the requirements of 22 CCR 66265.193 and it didn't appear to be lined and cracks were observed in concrete above the liquid level in the pit". Furthermore, according to the same tank assessment, the 450-gallon waste oil tank has no secondary containment. Also, the oily waste mixture, referred to as "biosol" and used in the glass making process, discharges directly from the glass making area into an unlined area where it pools and subsequently flows into the respective in-ground oil water separators. Also, standing oily liquid was noted next to the oil filled equipment, and [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.
Violation Notes:	Oil handling personnel were not adequately trained. Thirty people were trained in 2010 compared to the most recent training during, which only two people were trained. The last spill prevention briefing was held in 2013. At a minimum, oil handling personnel shall be trained in the operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; and the contents of the Spill Prevention, Control, and Countermeasure Plan. Immediately provide this training to all oil handling personnel and submit a copy of the training log to the EHD.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: No waste analysis was available for the metal fines being generated on site. These waste streams are mixed with the scrap metal recycling. A hazardous waste determination had been made according to the 2011 return to compliance certification but it was not indicated which waste streams were determined to be hazardous. The hazardous waste analysis was not available on site for review. A generator shall make a hazardous waste determination and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last disposed of. Immediately stop recycling metal fines, locate a copy of the waste analysis conducted for all metal fines generated on site and submit copies to the EHD. If a copy is unavailable, immediately make a hazardous waste determination and begin managing the metal fines under Title 22 hazardous waste regulations. Particles 100 microns or [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 07/25/2016. -Eight-white tote bags of hazardous waste (chromium, lead, selenium) were seen open, or haphazardly closed. -One-15-20g black drum of MEK was open. -One 55g drum of oily contaminated debris near the vehicle maintenance area. All hazardous waste containers shall be closed at all times except when adding or removing waste. Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to obtain facility management approval to fully implement the SPCC Plan.
Violation Notes: Not reported
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	The facility s contingency plan is not current. According to Bill Boscacci, respirators must be worn inside the Batch House building, however this personal protective equipment use is not reflected in the reviewed contingency plan. Furthermore, the reviewed plan lists the last SPCC/ contingency plan related training as 9-11-2013. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Description:	Failure to manage a recyclable material pursuant to HSC 6.5 25143.2(b), (c), or (d).
Violation Notes:	Returned to compliance on 01/25/2017. "Grit Blast" waste is claimed to be an excluded recyclable waste but does not meet the requirements to be considered so, due to the inadequate management practices. Labeling for several ERM material containing totes, located adjacent to the EP building, was incomplete and lacked hazardous properties and physical state, the ERM labeling was corrected at the time of inspection. A waste may be considered an excluded recyclable material if recycled by any of the following methods 1. used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2. used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3. returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, And shall meet [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/08/2017. During the inspection, it was found that reportable amounts of hazardous material are present at the facility and the updated information has not been submitted. Within 30 days of one the following events, business shall electronically update the information submitted to the California Environmental Reporting System (CERS): - A 100 percent or more increase in the quantity of a previously disclosed material. - Any handling of a previously undisclosed hazardous material - A change of business address, business ownership, or business name. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, enter the correct or updated information, and submit to the EHD for approval.
Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 06/19/2017. Employee training records were not available at the time of inspection. The business plan shall include provisions for ensuring that appropriate personnel receive initial and annual refresher training. This training shall be documented electronically or by hard copy and shall be made available for a minimum of three years. Immediately provide employee training for appropriate personnel and submit a copy of the training records to the EHD. A site map was not completed or submitted as part of the business plan.
Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to schedule and conduct spill prevention briefings at least once a year.
Violation Notes: Discharge prevention briefings are not scheduled at least once a year. According to William Boscacci, the last spill prevention briefing was held in 2013. Discharge prevention briefings for oil handling personnel must be scheduled and conducted at least once a year to assure adequate understanding of the SPCC Plan for that facility. Such

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	briefings must highlight and describe known discharges or failures, malfunctioning components, and any recently developed precautionary measures. Immediately schedule and conduct a discharge prevention briefing, ensure that they are scheduled and conducted at least once a year.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 25143.10 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.10
Violation Description:	Failure of any person who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption, to submit recyclable materials report every two years.
Violation Notes:	Returned to compliance on 01/25/2017. The "ESP Dust" and "Grit blast" is being recycled and all required information to claim the exclusion or exemption has not been submitted. To claim an exclusion or exemption from classifying this as a waste, the following information shall be submitted every two years: - name, site address, mailing address, and telephone number of the owner or operator of the facility that recycles the material; - name and address of the generator of the recyclable material; - documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met. Immediately provide all required information for every recyclable material that you wish to claim the exclusion or exemption and provide that information every two years. If the required information cannot be provided, the materials must immediately be handled as a hazardous waste. The Recyclable Materials Report Documentation was uploaded into CERS by the end of business day on 1-11-2-17. This was [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to promptly correct the causes of leaks that result in accumulations of oil in diked areas.
Violation Notes:	Oily staining and standing oil were noted below the used oil tanks located in the vicinity of the onsite oil water separators. Furthermore, the oil water separator, which was full of oily liquid at the time of inspection, is being used as a secondary containment for the 1,750-gallon used oil tank. Visible discharges which result in a loss of oil from a container, including but not limited to seams, gaskets, piping, pumps, valves, rivets, and bolts, must be promptly corrected. Immediately fix all leaks and clean all visible staining , and manage according to the California Code of Regulations Title 22 hazardous waste regulations. Maintain all diked areas free of all accumulations. Submit proof of correction to the EHD.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: The following was noted at the time of inspection: 1) Totes and containers of "Chromox" and "Iron Oxide" among other raw materials were stored inside the Minor Storage area, some of these containers (the source couldn't be definitively determined at the time of inspection, although Mr. Boscacci indicated that the spilled material is likely graphite) appeared to be releasing fine grayish powder to the floor of the storage area, this area is open to the outside. One hazardous waste container was present in this area, according to Mr. Boscacci any floor sweep from this area will be placed into this hazardous waste container. Not enough free material was available for a sample collection at the time of inspection. 2) Oily pooling and oily staining was observed throughout the furnace building where oily swabs are used in the glass molding operation. 3) Oily pooling and oily staining was observed throughout the Hot Vat area, with white powdery substance on the ground [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.52 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.52
Violation Description: Failure to include all of the following in the Contingency Plan: 1) A description of actions the facility personnel shall take response to fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water at the facility; 2) A description of arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services; 3) All names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinator and this list shall be kept up to date. Where more than one person is listed, one shall be named as primary emergency coordinator and others shall be listed in the order in which they will assume responsibility as alternates; 4) A list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems (internal and external), and decontamination equipment), where this equipment is required. This list shall be kept up to date. In addition, the plan shall include the location and a physical description of each item on the list, and a brief outline of its capabilities; 5) An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary. This plan is to describe signal(s) to

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

be used to begin evacuation, evacuation routes, and alternate evacuation routes (in cases where the primary routes could be blocked by releases of hazardous waste or fires); 6) The current telephone number of the California Emergency Management Agency; and 7) If the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) or some other emergency or contingency plan, the owner or operator need only amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this chapter.

Violation Notes: The facility s contingency plan is outdated and incomplete The plan does not list an emergency coordinator or an alternate. The plan does list environmental engineer, Steve Howie and Lisa Mendoza, both who are no longer with the company. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all others in order in which they will assume responsibilities; 4. List all emergency equipment, [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193

Violation Description: Failure of the LQG and/or TP generator, on all new and existing hazardous waste tank systems and ancillary equipment, to meet the following secondary containment requirements: 1) Designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system; and 2) Capable of detecting and collecting releases and accumulated liquids until the collected material is removed. 3) Constructed of or lined with materials that are compatible with the waste(s) to be placed in the tank system and shall have sufficient strength and thickness to prevent failure due to pressure gradients (including static head and external hydrological forces), physical contact with the waste to which they are exposed, climatic conditions, the stress of installation, and the stress of daily operation (including stresses from nearby vehicular traffic); 4) Placed on a foundation or base capable of providing support to the secondary containment system and resistance to pressure gradients above and below the system and capable of preventing failure due to settlement, compression, or uplift; 5) Provided with a leak detection system that is designed and operated so that it will detect the failure of either the primary and secondary containment structure or any release of hazardous waste or accumulated liquid in the secondary containment system within 24 hours, or at the earliest practicable time if the existing detection technology or site conditions will not allow detection of a release within 24 hours; 6) Sloped or otherwise

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	designed or operated to drain and remove liquids resulting from leaks, spills, or precipitation. Spilled or leaked waste and accumulated precipitation shall be removed from the secondary containment system within 24 hours, or in as timely a manner as is possible to prevent harm to human health or the environment, if removal of the released waste or accumulated precipitation cannot be accomplished within 24
Violation Notes:	Secondary containment was not provided for the 450 gallon tank. According Ryan Fane, P.E. this statement was made about the 1,750 gallon tank "The pit used for secondary containment does not appear to meet the requirements of 22 CCR 66265.193 as it did not appear to be lined and cracks were observed in concrete above the liquid level in the pit at the time of inspection". Secondary containment shall be provided for tank systems to prevent the release of hazardous waste or hazardous constituents to the environment. Secondary containment shall be designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system, and capable of detecting and collecting releases and accidental accumulated liquids until the collected material is removed. Immediately provide secondary containment which meets the requirements of Title 22 for the 450 and 1,750g [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to maintain adequate records (or NPDES permit records) of drainage from diked areas.
Violation Notes:	Records of drainage of uncontaminated rainwater from diked areas were not found on site. Adequate records (or NPDES permit records) of drainage from diked areas shall be retained. Immediately begin maintaining adequate records (or NPDES permit records) of drainage from diked areas. Submit proof of correction to the EHD.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if the waste generated is a hazardous waste.
Violation Notes:	The following was noted at the time of inspection: 1. An auger-type equipment still containing white powdery substance was observed in the outdoor area of the parts storage for the bag house, and a blue fan like piece of machinery still containing similar white substance was observed inside the bag house storage shed, both areas are located next to LF structures on the norther portion of the property. Mr. Boscacci indicated that he was not sure what the substance was, however the material was containerized at the time of inspection, and will be analyzed by the facility for profiling. 2. A torn up bag which was spilling its contents on the pavement (labeled Unimin and

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

containing health and danger warnings on its label) was observed in the outdoor area of the parts storage for the bag house, located next to the LF structures on the norther portion of the property. Mr. Boscacci indicated that he was not sure what this substances was. 3. The laboratory analytical report [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An inspection checklist was provided to the facility operator on the first day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the completed inspection report. Please be aware as of January 1, 2013, all businesses were required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous material activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields. For assistance with CERS, contact Willy Ng at 209-468-3448.
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection continued.
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection continued.
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Due to the size of this facility, a multi-day routine hazardous waste facility inspection was conducted in January of 2017. Facility inspection was implemented over the course of the following days: 1-11-2017, 1-12-2017, 1-13-2017, 1-19-2017, 1-20-2017, and 1-25-2017.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

EHD inspectors were accompanied during the site walk through by Mr. Bill Boscacci. Samples were collected by the EHD inspector from the ground surface and equipment areas, on 1-11-2017 and on 1-19-2017, from the EP building and the Batch House, respectively. Inspection checklists were provided to the facility for each day of the inspection. The EHD has written the complete report which replaces all initial checklists. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.

Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Environmental Health Department (EHD) inspectors (Elena Manzo and Michelle Henry) conducted a routine Above Ground Petroleum Storage (APSA) inspection on April 14 and April 15, 2016. An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. According to the reviewed documentation this facility has a total shell capacity of 28,813 gallons. The reviewed SPCC plan was dated March 4, 2011. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division: San Joaquin County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations were noted at the time of the inspection. The routine inspection is also part of the evaluation review for the RMP submittal. Public comments were not received during the formal review

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

period. Notes: This facility has two covered processes: Anhydrous Ammonia for bottle treatment and Aqueous Ammonia for Selective Catalytic Reduction. The max. quantity of Anhydrous Ammonia stored on site is 2,016 lbs. of gas within a 500 gallon pressure vessel. The pressure vessel has been shut off and a 150 lb. cylinder is currently being used because of overstock of the material. The cylinder is currently being secured with a nylon rope. Provide a means to secure the cylinder to the support structure which ensures that it will not fall during storage. The hose extending from the cylinder is taped to the pressure vessel. Provide a means to secure the hose from the cylinder to the t-fitting for the process piping. An eyewash/shower is currently not located near the [Truncated]

Eval Division: San Joaquin County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-24-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Conducted a billable routine inspection. See service code 001 for details.
Eval Division: San Joaquin County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-14-2007
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Willy Ng
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Michelle Henry
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Enforcement Action:
Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Site Address: 14700 W SCHULTE RD
Site City: TRACY
Site Zip: 95376
Enf Action Date: 01-11-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Joaquin County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	01-11-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HWLQG
Enf Action Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	04-14-2016
Enf Action Type:	Referral to District Attorney
Enf Action Description:	Referral to District Attorney
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	APSA
Enf Action Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	04-14-2016
Enf Action Type:	Referral to District Attorney
Enf Action Description:	Referral to District Attorney
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HWLQG
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420

Affiliation Type Desc:	Document Preparer
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	14700 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95376
Affiliation Phone:	(209) 836-8269
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	14700 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95376
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Bill Boscacci
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	OWENS-ILLINOIS INC
Entity Title:	Not reported
Affiliation Address:	One Michael Owens Way
Affiliation City:	Perrysburg
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	43551-2999
Affiliation Phone:	(567) 336-5000
Affiliation Type Desc:	Operator
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 836-8269
Affiliation Type Desc:	Parent Corporation
Entity Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Entity Title:	Not reported
Affiliation Address:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	Bill Boscacci
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 321-4346
Site ID:	398799
CERS ID:	10153919
CERS Description:	RCRA LQ HW Generator

Violations:

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	06-14-2007
Citation:	HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 06/28/2007.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/08/2017. Reportable amounts of CL 16, RL 9009, CL 206, electrostatic precipitator waste, Trona, compressed oxygen/nitrogen mixture, Techtro Gold III coolant, Purple Power degreaser; flammable liquid (MEK) waste, Spartan soap/degreaser, mortar/refractory and Glassflow White scoop lubricant were found on site that have not been reported. Any material that meets or exceeds the reportable quantity shall be reported in the facility's business plan. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, add the materials to the hazardous material inventory, and submit to the EHD for approval.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Date:	01-11-2017
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	An inspection was last done on 4-14-2016 and 4-15-2016, and an inspection report was issued identifying information to be submitted to bring this site into compliance. This information was required to be submitted within 30 days of the receipt of the full inspection report. This information has not been received within 30 days, as required, resulting in a non-compliant status for this facility. An operator that receives an inspection report shall have 30 days to submit a written response that includes a statement documenting corrective actions taken or proposing corrective actions which will be taken. Ensure that a written response documenting corrective actions taken or proposed is submitted within 30 days of receiving an inspection report.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes:	The following was noted at the time of inspection: 1) In the bag house grit blast room, hazardous waste (grit blast) was generated and put a 55-gallon waste container. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. 2) Metal fines were observed inside a bin of scrap metal located inside the main mechanic shop, according to Mr. Boscacci all metal fines generated by the mechanic shop are being handled as hazardous. Mr Boscacci indicated that observed metal fines will be removed from the scrap metal bin at the time of inspection. This is a repeat violation from the 2016 hazardous waste inspection. Hazardous wastes shall be disposed of only by transportation to a permitted hazardous waste treatment, storage, and disposal facility (TSDF). Immediately cease illegal disposal of hazardous waste and ensure that all future waste is hauled by a licensed hazardous waste transporter to a permitted TSDF, as [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41
Violation Description:	Failure of a large quantity RCRA generator to prepare the Biennial report (Form 8700), and submit to DTSC by March 1st on even numbered years ; and maintain it onsite for three years.
Violation Notes:	A biennial report reviewed at the time of inspection listed that OxyEP Dust is not being recycled onsite, it is EHD's understanding that this

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

material is being recycled onsite as part of the process. A Biennial Report, USEPA Form #8700, shall be prepared and submitted to DTSC by March 1 or each even-numbered year and maintained on site for at least three years. Immediately prepare an accurate biennial report, submit the information to DTSC (and a copy to the EHD) 30 days from receipt of this report, and maintain it on site.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: The facility s contingency plan is outdated and incomplete The plan does not list an emergency coordinator or an alternate. The plan does list environmental engineer, Steve Howie and Lisa Mendoza, both who are no longer with the company. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all others in order in which they will assume responsibilities; 4. List all emergency equipment, [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to test liquid level sensing devices to ensure proper operation.
Violation Notes: According to Mr. Boscacci, the existing liquid level sensing devices have not been tested for all existing tanks. Procedures and frequency of testing for these devices were not addressed in the Spill Prevention, Control, and Countermeasure (SPCC) plan. Liquid level sensing devices must be installed in accordance with CFR 112.8 and shall be regularly tested to ensure proper operation. Immediately conduct all necessary testing of liquid level sensing devices, or provide equivalence as allowed by CFR 112.7(a)(2). Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.
Violation Notes:	Oily staining and standing oil were noted below the used oil tanks located in the vicinity of the onsite oil water separators. Furthermore, the oil water separator, which was full of oily liquid at the time of inspection, is being used as a secondary containment for the 1,750-gallon used oil tank. Inspections and testing shall be conducted on all aboveground liquid petroleum containers larger than 55 gallons, including the regulated oil filled equipment and all 55 gallon drums of oil. Although some inspections are being implemented, these inspections are not addressing the issues observed at the time of inspection. Records of these inspections and tests shall be signed by the appropriate supervisor or inspector and kept on site with the Spill Prevention, Control, and Countermeasure (SPCC) Plan for a period of three years. Immediately begin necessary and adequate testing and inspections for all Aboveground Petroleum Storage Act regulated containers and maintain on site with [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan .
Violation Notes:	This facility has an Aboveground Petroleum Storage Act (APSA) regulated shell capacity of >10,000 gallons. A Spill Prevention, Control, and Countermeasure (SPCC) Plan (dated March 4, 2011) was onsite. The reviewed plan is not being implemented as written, for example, two people are required to be present during filling of the diesel tank (or present during filling of any container located some distance from the tanker), according to William Boscacci, this practice is not being implemented at this time. All facilities which have an APSA regulated shell capacity of 1,320 gallons or greater shall prepare a written SPCC Plan which meets all of the requirements of the 40 CFR Part 112. Each owner or operator specified in this subdivision shall prepare and implement the SPCC plan to assure compliance with Section 112 (commencing with Section 112.1) of Subchapter D of Chapter I of Title 40 of the Code of Federal Regulations. Submit proof of correction to the EHD.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description: Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes: Returned to compliance on 07/25/2016. 22.5 Metric Tons (M) of "NA3077 Hazardous Waste, Solid, NOS, (cadmium, chromium, lead), 9, PG III" , waste tracking number 010315-28 and 20.3 M of "NA3077, Hazardous Waste, Solid, NOS, (cadmium, chromium, lead), 9, PG III" , waste tracking number 010315-29 was transported off site for disposal on August 3rd, 2015 without first preparing a uniform hazardous waste manifest. Uniform hazardous waste manifest 007708748JJK (20T) and 007708749JJK(18Y) were generated later. It appeared that 010315-28 corresponded to 007708749JJK and 010315-29 corresponded to 007708748JJK. A generator shall prepare a Uniform Hazardous Waste Manifest on EPA Form 8700-22 prior to the transport of a hazardous waste for off-site transfer, treatment, storage or disposal. Ensure that a manifest is prepared each time hazardous waste is transported for off site transfer, treatment, storage or disposal. Submit written documentation describing the weight discrepancies noted above and what steps will be [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 06-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/27/2009.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 25143.10 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.10
Violation Description: Failure of any person who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption, to provide the following information every two years: 1) The name, site address, mailing address, and telephone number of the owner or operator of any facility that recycles the material. 2) The name and address of the generator of the recyclable material. 3) Documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met, including the following: A) Where a person who recycles the material is not the same person who generated the recyclable material, documentation that there is a known market for disposition of the recyclable material and any products manufactured from the recyclable material. B) Where the basis for the

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

exclusion is that the recyclable material is used or reused to make a product or as a safe and effective substitute for a commercial product, a general description of the material and products, identification of the constituents or group of constituents, and their approximate concentrations, that would render the material or product hazardous under the regulations adopted pursuant to HSC 25140 and 25141, if it were a waste, and the means by which the material is beneficially used.

Violation Notes: Grit blast is being recycled and all required information to claim the exclusion or exemption has not been submitted. To claim an exclusion or exemption from classifying this as a waste, the following information shall be submitted every two years: - name, site address, mailing address, and telephone number of the owner or operator of the facility that recycles the material; - name and address of the generator of the recyclable material; - documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met. It was noted on a previous inspection report, the DTSC had been contacted and allowed the exclusion. Immediately provide all required information for every recyclable material that you wish to claim the exclusion or exemption and provide that information every two years. If the required information cannot be provided, the materials must immediately be handled as a hazardous waste.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 09/26/2017. The site map is not accurate and representative of much of the facility; there are structures shown on the map are not present at the facility and there are structures at the facility not shown on the map; additionally, loading areas, access and exit points, emergency shutoffs, emergency response and many of the hazardous materials storage and handling locations are not shown. A site map shall contain a north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, upload the correct or updated information, and submit to the EHD for approval.
Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to make SPCC plan amendment(s) when the facility has had a change in: design, construction, operation, or maintenance which

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

affects the facility s discharge potential.

Violation Notes: Not reported
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/25/2017. 1) The labeling of five 55-gallon hazardous waste containers located next to the EP Building lacked hazardous properties and physical state. The label of one 55-gallon container located inside the ChromOx Minor Storage building was lacking hazardous properties. One 55-gallon container of oily waste had an "ERM" label, the ERM label was removed at the time of inspection and will be labeled as oily debris, per Mr. Boscacci. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date The labeling of these containers was corrected at the time of inspection, ensure that all containers are labeled as appropriate at all times. Submit proof of correction for the labeling of the 55-gallon container of oily debris originally labeled as ERM. 2) One 55-gallon container of oily debris [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194
Violation Description: Failure to place wastes or treatment reagents in a tank system that could cause the tank , its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail; and for not using appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. (Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure).
Violation Notes: Staining and pooling liquid was seen on the 450-gallon tanks and 1750-gallon tanks and in the surrounding areas indicating an overfill or release. Appropriate controls and practices shall be used to prevent spills and overflows from the tank or secondary containment systems. These include at a minimum: 1) spill prevention controls (e.g., check valves, dry discount couplings); 2) overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and 3) maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194
Violation Description: Failure to maintain the following general tank operating requirements: a) Hazardous wastes or treatment reagents shall not be placed in a tank system if they could cause the tank, its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail. b) The owner or operator shall use appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. These include at a minimum: 1) Spill prevention controls (e.g., check valves, dry discount couplings); 2) Overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and 3) Maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank.
Violation Notes: Staining was seen on the 450g tanks and 1750g tanks and in the surrounding areas indicating an overfill or release. Appropriate controls and practices shall be used to prevent spills and overflows from the tank or secondary containment systems. These include at a minimum: - spill prevention controls (e.g., check valves, dry discount couplings); - overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and - maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank. Immediately implement [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: Secondary containment was not provided for the 450 gallon tank.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

According Ryan Fane, P.E. this statement was made about the 1,750 gallon tank "The pit used for secondary containment does not appear to meet the requirements of 22 CCR 66265.193 as it did not appear to be lined and cracks were observed in concrete above the liquid level in the pit at the time of inspection". Secondary containment shall be provided for tank systems to prevent the release of hazardous waste or hazardous constituents to the environment. According to Mr. Boscacci, this facility is working on providing the secondary containment in the near future. Secondary containment shall be designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system, and capable of detecting and collecting releases and accidental accumulated liquids until the collected material is removed. [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Description: Failure to meet the following requirements of excluded recyclable materials: 1) Used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2) Used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3) Returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, 4) The material is recycled and used at the same facility at which the material was generated, or by the same corporate entity, 5) The material is recycled within the applicable generator accumulation time, 6) The material is managed in accordance with all applicable requirements for generators of hazardous wastes, 7) If the material is held in a container or tank, the container or tank is labeled, marked, and placarded in accordance with the department's hazardous waste labeling, marking, and placarding requirements which are applicable to generators, except that the container or tank shall be labeled or marked clearly with the words "Excluded Recyclable Material" instead of the words "Hazardous Waste," 8) If the material is used oil, the containers, aboveground tanks, and fill pipes used to transfer oil into underground storage tanks shall also be labeled and clearly marked with the words "Used Oil", 9) The owner or operator of the business location where the material is located has a business plan that meets the following minimal requirements: emergency response plans and procedures, which specifically address the material or that meets the emergency response and contingency requirements which are applicable to generators of hazardous waste, and 10) The material shall be stored and handled in accordance with all local ordinances and codes.
Violation Notes: Grit blast is claimed to be an excluded recyclable waste but does not meet the requirements to be considered so. A waste may be considered an excluded recyclable material if recycled by any of the following methods 1. used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2. used or

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3. returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, And shall meet all of the following conditions: 1. the material is recycled and used at the same facility at which the material was generated, or by the same corporate entity, 2. the material is recycled within the applicable generator accumulation time, 3. the is [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: The following open containers were noted at the time of inspection: 1) One-black 55-gallon container of MEK (stored inside the main mechanic shop) had a funnel installed which was not latched. 2) In the bag house room, hazardous waste (grit blast) was generated and put into one 55-gallon container which was lacking a lid. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. 3) One 55-gallon container of oily debris which had a lid but the lid was not fastened was observed inside the mechanic shop. All hazardous waste containers shall be closed at all times except when adding or removing waste. Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)
Violation Description: Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems, bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).

Violation Notes: Inspections of the hazardous waste tank system was not performed and documented. The following items are required to be inspected at least daily: 1. overfill/spill control equipment; 2. aboveground portions of the tank system to detect corrosion or releases of water; 3. data gathered from monitoring and leak-detection equipment; 4. outside areas of the tank system including secondary containment to detect erosion or signs of releases of hazardous waste; 5. for uncovered tanks, the level of waste in the tank. Immediately begin required inspections of the hazardous waste tank system, and document the items inspected. Submit a copy of the inspection log for the next 30 days to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.33
Violation Description: Failure of the facility to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes: The following was noted at the time of inspection: 1) Eye washes were seen throughout the facility that were not functioning properly (for example an eye wash located in furnace area located next to a cylinder of mono oxide was lacking caps). 2) Two spill pallets located in the satellite hazardous waste storage area (room with MEK) had free standing liquid in them. 3) Spill pallets throughout the facility, inside and outside had free standing liquid in them. 4) An outdoor spill pallet for the diesel fueling station located next to the 1,000 gallon diesel tank was half full with red dye diesel. 5) Oily debris were observed inside the secondary containment under the new oil containers which are being stored next to the "Hot Vat" area, it's unclear from the communication with Mr. Boscacci, how often the oily pads are being changed out. 6) Oily spillage was observed in the Batch House area under a mixing equipment and inside the secondary containment pan located under [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: A label of the 55-gallon container of fuel filters observed in the vehicle maintenance area didn't indicate that filters were drained and lacked an it lacked accumulation start date. Used oil filters shall be

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

drained of free-flowing oil, stored in a closed, rainproof container, labeled as drained used oil filters, and marked with an accumulation start date. Immediately manage filters, as required, and ensure that all used oil filters are managed in this way. Submit proof of correction to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: If claiming impracticability of appropriate containment/diversionary structures: Failure to have a professional engineer clearly denote and demonstrate the impracticability of appropriate containment/diversionary structures.
Violation Notes: Returned to compliance on 08/23/2016. Periodic integrity testing options were not evaluated in the Spill Prevention, Control, and Countermeasure (SPCC) Plan. If any structures or equipment were not installed to prevent a discharge due to impracticality, the SPCC Plan must clearly explain why the measures are not practicable, periodic integrity testing shall be performed on bulk storage containers, and periodic integrity and leak testing shall be performed on the valves and piping. Immediately amend the SPCC Plan and submit a copy of the changes to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to perform a five-year review of the SPCC plan.
Violation Notes: Returned to compliance on 08/23/2016. The Spill Prevention, Control, and Countermeasure (SPCC) Plan was last reviewed on March 4, 2011. Incorrect emergency coordinator information was noted in the reviewed SPCC plan; Lisa Mendoza is still listed on the reviewed plan, reportedly Lisa had left the facility sometime in 2013. Also, page 22 of the reviewed plan indicated that an inspection checklist is provided in Appendix D, no inspection checklist was present in Appendix D. A review and evaluation of the SPCC Plan must be conducted at least once every 5 years. As a result of this review and evaluation, the SPCC Plan must be amended within 6 months of review, and recertified by a Professional Engineer if any technical amendments were made. Immediately conduct a review of the facility SPCC Plan and make any necessary amendments.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to include inspections of tank supports/foundation, deterioration, discharges and/or accumulations of oil inside diked areas, and comparison records in the records of inspections (or customary business records).
Violation Notes: API-653 Tank reports (dated 6-13-2012), prepared for the 450-gallon and the 1,750 gallon waste oil tanks, were reviewed at the time of inspection. No integrity testing reports were available for the rest of the onsite tanks. The reviewed API-653 Tank reports could only be utilized for these tanks, if these tanks were built according to the APA-650 standards. However, according to the reviewed API-653 Tank reports reports, these tanks (for which these integrity testing reports were prepared, the 450-gallon and the 1,750-gallon tanks), were not built to any observed codes . Each aboveground container shall be tested and inspected for integrity on a regular schedule and whenever repairs are made. The qualifications of personnel performing tests and inspections, frequency and type of testing and inspections that take into account container size, configuration, and design shall be determined in accordance with industry standards. Examples of these integrity tests include, but [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: -Metal fines seen throughout the facility, from different machinery are being handled as scrap metal. According to the return to compliance submitted July 8, 2011 all metal lathes, (it do not indicate which one, how many, or where they were located), one lathe was proven to have particles less than 100 microns and would be handled as hazardous waste. At time of inspection no hazardous waste records for metal fines were available and inspectors were told all metal grindings and fines are handled as scrap metal. -In the bag house room, hazardous waste (grit blast) was generated and put in 55g drums from bag houses. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. -"Grit blast" in damaged containers was seen leaking outside of the "Chromox" & "Iron Oxide" storage building onto the ground and into the air. - Hazardous waste from the baghouses in the basement has been released all over the ground [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide and maintain adequate secondary containment.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Notes: According to the site inspection and according to the reviewed tank assessment report, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the 450-gallon and 1750-gallon waste oil tanks appear to have insufficient secondary containment. The reviewed waste oil tank assessment, indicated the oil water separator pit used as secondary containment for the 1,750-gallon tank "doesn't appear to meet the requirements of 22 CCR 66265.193 and it didn't appear to be lined and cracks were observed in concrete above the liquid level in the pit". Furthermore, according to the same tank assessment, the 450-gallon waste oil tank has no secondary containment. Also, the oily waste mixture, referred to as "biosol" and used in the glass making process, discharges directly from the glass making area into an unlined area where it pools and subsequently flows into the in-ground oil water separators. All bulk storage tanks must be provided with a secondary means of containment for the [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.35 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.35
Violation Description: Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes.
Violation Notes: Three 55 gallon containers stored in two layers inside the "Blue Barn" (the main hazardous waste storage area) were placed in a way that their labels couldn't be reviewed at the time of inspection. Adequate aisle space shall be maintained to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to all areas of facility operation in an emergency. Immediately maintain aisle space to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to any area of facility operation in an emergency.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to adequately describe the physical layout of the facility, or no description of the physical layout of the facility included within the SPCC plan.
Violation Notes: No transfer pipes were noted on the reviewed facility diagram included in the reviewed the Spill Prevention, Control, and Countermeasure (SPCC) plan. The SPCC Plan shall include a facility diagram which must mark the location and contents of each fixed storage container and the storage area where mobile or portable containers are located. It must identify the location of and mark as "exempt" underground tanks. It must also include all transfer stations and connecting pipes,

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

including intra-facility gathering lines. Immediately update the facility diagram to include all of the required information. Submit a legible copy of the updated facility diagram to the EHD for review.

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: RCRA Large Quantity Generator Program - Operations/Maintenance - General
Violation Notes: At time of inspection, the following empty containers which previously held a a hazardous material were seen: -one 55 gallon white poly drum labeled ChemTreat CL-2150 -one 55 gallon blue poly drum labeled CL-2212 -more than sixteen 250g poly totes near the blue barn -more than 20 55 gallon drums near the blue barn. Containers larger than five gallons that previously held a hazardous material shall be marked with the date they were emptied and managed within one year of being emptied. Immediately mark and manage all empty containers per this section.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/25/2016. At time of inspection: -Three 55g drums of Non RCRA hazardous waste solid (oily debris) were seen without a hazardous property (other was marked) -One 55g drum of Non RCRA hazardous waste (oil, water) was seen without a hazardous property marked. -One 55g drum of Non RCRA hazardous waste liquid (Ethylene glycol) was seen without a hazardous property marked. -One 55g drum of Non RCRA hazardous waste liquid (oil) was seen without a hazardous property marked. -Eight white totes of Hazardous Waste solid (Chromium Lead Selenium) were seen without a hazardous property (other was marked). -One 55g drum of oily contaminated debris near the vehicle maintenance area was seen without a hazardous waste label. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date Immediately [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.33
Violation Description: Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes: Returned to compliance on 07/25/2016. -Eye washes were seen throughout the facility that were not functioning properly. -Two spill pallets in the satellite hazardous waste storage area (room with MEK) had free standing liquid in them. -Spill pallets throughout the facility, inside and outside had free standing liquid in them. All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment, where required, shall be tested and maintained as necessary to assure its proper operation in time of emergency. Remove the liquid from all spill pallets, make a hazardous waste determination and handle according to Title 22. Submit a statement to the EHD identifying how the above listed items were addressed.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Manifest numbers 007708761JJK, 012848915JJK, 004351297JJK were found without a signed off copy from the destination facility. Manifest number 013792833JJK was not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description: Failure to complete the Uniform Hazardous Waste Manifest exception requirements.
Violation Notes: Manifest number 016521542 JJK was found without a signed off copy from the destination facility and no exception report was filed. Hazardous

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the missing manifest, and a cover letter signed by the [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description: Failure to complete the uniform hazardous waste manifest exception requirements.
Violation Notes: Manifest numbers 007708761JJK, 012848915JJK, 004351297JJK were found without a signed off copy from the destination facility. Manifest number 013792833JJK was not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes: The hazardous waste tank assessment (dated 12-15-2016) for the

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

450-gallon tank located in the basement of Furnace C and the 1,750-gallon tank located in the basement of Furnace A/B are inadequate. The hazardous waste tank assessments are based on CCR 66265.191 (existing) and 66265.192 (new) and utilize API-653 which can not be used for these tanks, multiple items like PE certification, age of tank system, description of tank system including pumps, sketch of tank system, etc. are lacking. No tank assessment was available for the hazardous waste tank(s) located in the floor of the "Hot Vat" area. The hazardous waste tank assessment shall include but not be limited to all of the following information: 1. tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2. design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A. [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Manifest number 016521542 JJK was found without a signed off copy from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the missing manifest, and a cover letter signed by the generator explaining the efforts [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Notes: In the blue barn: -Totes of hazardous waste containing chromium, lead and selenium were open, haphazardly closed, allowing the fine powder to be released throughout the barn , on the ground and in the air. -Free standing oily and whitish/yellow liquid behind and under the hazardous waste containers was seen. It could not be determined where it had come from (leaking containers, overfill,etc.) -In the outside storage area, near the SE corner, by the compressor room, totes and containers of "Chromox" and "Iron Oxide" were stored. These containers were releasing their product to the ground, to the air and potentially out the doors. When asked what would happen to the release, Bill said about monthly someone would come in sweep up the area and handle the sweepings as hazardous waste. A sample of this material was not taken outside the builiding but will be taken during the next inspection. Facilities shall be maintained and operated to minimize the possibility of a fire, [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 06-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/29/2009.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.171 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.171
Violation Description: Failure to accumulate hazardous waste in a container that is in good condition.
Violation Notes: Seven-55g drums of grit blast were seen stored outside on pallets. At the bottom of the rusty metal containers was caked grit blast. The grit blast was also seen on the ground around the pallets. Hazardous waste shall be stored in a container that are in good condition. Immediately transfer all hazardous wastes into containers that are in good condition or have hazardous wastes properly disposed of by a licensed hazardous waste hauler under a proper manifest.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description: Failed to meet the conditions of satellite accumulation regulations, including but not limited to the following: accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

near the initial point of accumulation which was under the control of the operator the container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accumulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first.

Violation Notes: Not reported
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description: Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information; A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age); 4) Description and evaluation of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste
Violation Notes: The hazardous waste tank assessment for the 450g tank located in the basement of Furnace C and the 1,750g tank located in the basement of Furnace A/B are inadequate. The hazardous waste tank assessments are

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

based on CCR 66265.191 (existing) and 66265.192 (new) and utilize API-653 which can not be used for these tanks. The hazardous waste tank assessment shall include all of the following information: 1. tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2. design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A. material of construction; B. material thickness and the method used to determine the thickness; C. description of tank system piping (material, diameter); D. description of any internal and external pumps; and E. sketch or drawing of tank including dimensions. 3. [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or remanufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or remanufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of this section; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of this section shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes: The following was noted at the time of inspection: 1) One unlabeled blue 55-gallon empty container with signs of corrosion and white powdery substance on the outside (located next to product container of "Rustriper", which had a corrosive warning label) was observed in the "Hot Vat" area. 2) Seven 55-gallon containers and twenty 250-gallon containers, located in the "Blue Barn" area were labeled as empty and were lacking the date they were emptied. Containers larger than five gallons that previously held a hazardous material shall be marked with the date they were emptied and managed within one year of being emptied. Immediately mark and manage all empty containers per this section, submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 31 67100.9 - California Code of Regulations, Title 22, Chapter

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	31, Section(s) 67100.9
Violation Description:	Failure of a large quantity generator to prepare a summary progress report every four years, using DTSC s Form # 1262 (3/99) titled "Summary Progress Report".
Violation Notes:	A summary progress report available onsite (dated August 2015) was missing a page 1 and a table 2 for each of the listed waste stream. A Summary Progress Report, DTSC Form #1262, shall be prepared once every four years and submitted to DTSC. Immediately update a summary progress report, submit it to DTSC (and a copy to the EHD), as appropriate.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure of the containment systems, including walls and floors to be sufficiently impervious to contain oil.
Violation Notes:	According to the site inspection and according to the reviewed tank assessment report for the 1,750 gallon waste oil tank, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the oil water separator pit used as the secondary containment for the 1,750 gallon waste oil tank "doesn't appear to meet the requirements of 22 CCR 66265.193 and it didn't appear to be lined and cracks were observed in concrete above the liquid level in the pit". Also, it was observed at the time of this inspection, that the oily water waste mixture (mixture of "biosol" and water which is used in the glass making process) discharges into an unlined soil area and then subsequently flows into the two oil water separator areas. As such, the diked areas onsite are is not impervious to contain discharged oil. Diked areas must be sufficiently impervious to contain discharged oil. Immediately provide or repair all diked areas to be sufficiently impervious to contain oil.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.
Violation Notes:	Employee training records for the management of hazardous waste were incomplete. Some training records are being maintained electronically, and no access to these records was available at the time of this multi day inspection, as such the completeness of the onsite training records couldn't be evaluated at this time. Employee training records

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

shall include: 1. the job title for each position at the facility related to hazardous waste management, and the name of each employee filling each job; 2. written job description for each position listed above; 3. written description of the type and amount of both introductory and continuing training that will be given to each person filing positions listed above; 4. records that document that the training has been given to and completed by facility personnel. Training records on current employees shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 31 67100.8 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.8
Violation Description: Failure of a generator to conduct, when required, a source reduction evaluation review and plan every four years, and/or failure of the review and plan to contain all required information.
Violation Notes: A hazardous waste management performance report available onsite had "red line" corrections, it was unclear at the time of inspection if it was ever finalized. A hazardous waste management performance report shall be prepared once every four years and contain the information listed in CCR 67100.8. Immediately update a hazardous waste management performance report and submit a copy to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.
Violation Notes: The following was noted at the time of inspection: 1) Floor sweepings which appeared to contain metal fines were observed inside a bin designated for cardboard recycling, located inside the main metal working shop. Ms. Liz Roblero who produced the waste, indicated that she didn’t realize that the floor sweepings contained metal fines, and was unsure on how to address the issue when she was asked, under guidance from Mr. Boscacci, the waste was removed from the trash can at the time of inspection and placed into the onsite hazardous waste container. 2) A pair of oily gloves was removed from a trash can located inside the main mechanic shop area and placed inside the "oily debris" hazardous waste storage container, Mr. Boscacci indicated that facility personnel should know where to place oily implements. Personnel who handle hazardous waste shall be trained within six

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

months of assignment and take part in an annual review of the initial training received. 4) Metal fines [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to adequately discuss the facility transfer operations, pumping, and facility process within the SPCC plan.
Violation Notes: Returned to compliance on 08/23/2016. The reviewed SPCC plan didn't address the disposal methods for the recovered spill materials. Also, the plan's list of the required response coordinator and clean up contractors appeared to be out of date. The following shall be addressed in the Spill Prevention, Control, and Countermeasure (SPCC) Plan: - type of oil in each fixed container and it's storage capacity. For mobile or potable containers, the type of oil and storage capacity for each container or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities - discharge prevention measures including procedures for routine handling of products - discharge or drainage controls such as secondary containment, equipment, and procedures for the control of a discharge - countermeasures for discharge discovery, response, and cleanup - methods of disposal of recovered materials - contact list and phone numbers for the facility [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Notes: At time of inspection current training records could not be provided. Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1. procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2. key parameters for automatic waste feed cut-off systems; 3. communications or alarm systems; 4. response to fires or explosions; 5. response to ground-water contamination incidents; and 6. shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1. the job title for each position at the facility related to [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to discuss the appropriate containment/diversionary structures/equipment within the plan.
Violation Notes: According to the site inspection and according to the reviewed tank assessment report, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the 450-gallon and 1750-gallon waste oil tanks appear to have insufficient secondary containment. The reviewed waste oil tank assessment, indicated the oil water separator pit used as secondary containment for the 1,750-gallon tank "doesn't appear to meet the requirements of 22 CCR 66265.193 and it didn't appear to be lined and cracks were observed in concrete above the liquid level in the pit". Furthermore, according to the same tank assessment, the 450-gallon waste oil tank has no secondary containment. Also, the oily waste mixture, referred to as "biosol" and used in the glass making process, discharges directly from the glass making area into an unlined area where it pools and subsequently flows into the respective in-ground oil water separators. Also, standing oily liquid was noted next to the oil filled equipment, and [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.
Violation Notes: Oil handling personnel were not adequately trained. Thirty people were trained in 2010 compared to the most recent training during, which

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

only two people were trained. The last spill prevention briefing was held in 2013. At a minimum, oil handling personnel shall be trained in the operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; and the contents of the Spill Prevention, Control, and Countermeasure Plan. Immediately provide this training to all oil handling personnel and submit a copy of the training log to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: No waste analysis was available for the metal fines being generated on site. These waste streams are mixed with the scrap metal recycling. A hazardous waste determination had been made according to the 2011 return to compliance certification but it was not indicated which waste streams were determined to be hazardous. The hazardous waste analysis was not available on site for review. A generator shall make a hazardous waste determination and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last disposed of. Immediately stop recycling metal fines, locate a copy of the waste analysis conducted for all metal fines generated on site and submit copies to the EHD. If a copy is unavailable, immediately make a hazardous waste determination and begin managing the metal fines under Title 22 hazardous waste regulations. Particles 100 microns or [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 07/25/2016. -Eight-white tote bags of hazardous waste (chromium, lead, selenium) were seen open, or haphazardly closed. -One-15-20g black drum of MEK was open. -One 55g drum of oily contaminated debris near the vehicle maintenance area. All hazardous waste containers shall be closed at all times except when adding or removing waste. Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to obtain facility management approval to fully implement the SPCC Plan.
Violation Notes:	Not reported
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	The facility s contingency plan is not current. According to Bill Boscacci, respirators must be worn inside the Batch House building, however this personal protective equipment use is not reflected in the reviewed contingency plan. Furthermore, the reviewed plan lists the last SPCC/ contingency plan related training as 9-11-2013. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Description:	Failure to manage a recyclable material pursuant to HSC 6.5 25143.2(b), (c), or (d).
Violation Notes:	Returned to compliance on 01/25/2017. "Grit Blast" waste is claimed to be an excluded recyclable waste but does not meet the requirements to be considered so, due to the inadequate management practices. Labeling for several ERM material containing totes, located adjacent to the EP building, was incomplete and lacked hazardous properties and physical state, the ERM labeling was corrected at the time of inspection. A waste may be considered an excluded recyclable material if recycled by any of the following methods 1. used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2. used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3. returned to the original process from which the material was generated, without first being reclaimed, if the material is returned

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, And shall meet [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 06/08/2017. During the inspection, it was found that reportable amounts of hazardous material are present at the facility and the updated information has not been submitted. Within 30 days of one the following events, business shall electronically update the information submitted to the California Environmental Reporting System (CERS): - A 100 percent or more increase in the quantity of a previously disclosed material. - Any handling of a previously undisclosed hazardous material - A change of business address, business ownership, or business name. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, enter the correct or updated information, and submit to the EHD for approval.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/19/2017. Employee training records were not available at the time of inspection. The business plan shall include provisions for ensuring that appropriate personnel receive initial and annual refresher training. This training shall be documented electronically or by hard copy and shall be made available for a minimum of three years. Immediately provide employee training for appropriate personnel and submit a copy of the training records to the EHD. A site map was not completed or submitted as part of the business plan.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	398799

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to schedule and conduct spill prevention briefings at least once a year.
Violation Notes: Discharge prevention briefings are not scheduled at least once a year. According to William Boscacci, the last spill prevention briefing was held in 2013. Discharge prevention briefings for oil handling personnel must be scheduled and conducted at least once a year to assure adequate understanding of the SPCC Plan for that facility. Such briefings must highlight and describe known discharges or failures, malfunctioning components, and any recently developed precautionary measures. Immediately schedule and conduct a discharge prevention briefing, ensure that they are scheduled and conducted at least once a year.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 25143.10 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.10
Violation Description: Failure of any person who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption, to submit recyclable materials report every two years.
Violation Notes: Returned to compliance on 01/25/2017. The "ESP Dust" and "Grit blast" is being recycled and all required information to claim the exclusion or exemption has not been submitted. To claim an exclusion or exemption from classifying this as a waste, the following information shall be submitted every two years: - name, site address, mailing address, and telephone number of the owner or operator of the facility that recycles the material; - name and address of the generator of the recyclable material; - documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met. Immediately provide all required information for every recyclable material that you wish to claim the exclusion or exemption and provide that information every two years. If the required information cannot be provided, the materials must immediately be handled as a hazardous waste. The Recyclable Materials Report Documentation was uploaded into CERS by the end of business day on 1-11-2-17. This was [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to promptly correct the causes of leaks that result in accumulations of oil in diked areas.
Violation Notes: Oily staining and standing oil were noted below the used oil tanks located in the vicinity of the onsite oil water separators.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Furthermore, the oil water separator, which was full of oily liquid at the time of inspection, is being used as a secondary containment for the 1,750-gallon used oil tank. Visible discharges which result in a loss of oil from a container, including but not limited to seams, gaskets, piping, pumps, valves, rivets, and bolts, must be promptly corrected. Immediately fix all leaks and clean all visible staining , and manage according to the California Code of Regulations Title 22 hazardous waste regulations. Maintain all diked areas free of all accumulations. Submit proof of correction to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: The following was noted at the time of inspection: 1) Totes and containers of "Chromox" and "Iron Oxide" among other raw materials were stored inside the Minor Storage area, some of these containers (the source couldn’t be definitively determined at the time of inspection, although Mr. Boscacci indicated that the spilled material is likely graphite) appeared to be releasing fine grayish powder to the floor of the storage area, this area is open to the outside. One hazardous waste container was present in this area, according to Mr. Boscacci any floor sweep from this area will be placed into this hazardous waste container. Not enough free material was available for a sample collection at the time of inspection. 2) Oily pooling and oily staining was observed throughout the furnace building where oily swabs are used in the glass molding operation. 3) Oily pooling and oily staining was observed throughout the Hot Vat area, with white powdery substance on the ground [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.52 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.52
Violation Description: Failure to include all of the following in the Contingency Plan: 1) A description of actions the facility personnel shall take response to fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water at the facility; 2) A description of arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services; 3) All names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinator and this list shall be kept up to date. Where more than

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

one person is listed, one shall be named as primary emergency coordinator and others shall be listed in the order in which they will assume responsibility as alternates; 4) A list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems (internal and external), and decontamination equipment), where this equipment is required. This list shall be kept up to date. In addition, the plan shall include the location and a physical description of each item on the list, and a brief outline of its capabilities; 5) An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary. This plan is to describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes (in cases where the primary routes could be blocked by releases of hazardous waste or fires); 6) The current telephone number of the California Emergency Management Agency; and 7) If the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) or some other emergency or contingency plan, the owner or operator need only amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this chapter.

Violation Notes: The facility s contingency plan is outdated and incomplete The plan does not list an emergency coordinator or an alternate. The plan does list environmental engineer, Steve Howie and Lisa Mendoza, both who are no longer with the company. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all others in order in which they will assume responsibilities; 4. List all emergency equipment, [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193

Violation Description: Failure of the LQG and/or TP generator, on all new and existing hazardous waste tank systems and ancillary equipment, to meet the following secondary containment requirements: 1) Designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system; and 2) Capable of detecting and collecting releases and accumulated liquids until the collected material is removed. 3) Constructed of or lined with materials that are compatible with the waste(s) to be placed in the tank system and shall have sufficient strength and thickness to prevent failure due to pressure gradients (including static head and external hydrological forces), physical contact with the waste to which they are exposed, climatic conditions, the stress of installation, and the stress of

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

daily operation (including stresses from nearby vehicular traffic); 4) Placed on a foundation or base capable of providing support to the secondary containment system and resistance to pressure gradients above and below the system and capable of preventing failure due to settlement, compression, or uplift; 5) Provided with a leak detection system that is designed and operated so that it will detect the failure of either the primary and secondary containment structure or any release of hazardous waste or accumulated liquid in the secondary containment system within 24 hours, or at the earliest practicable time if the existing detection technology or site conditions will not allow detection of a release within 24 hours; 6) Sloped or otherwise designed or operated to drain and remove liquids resulting from leaks, spills, or precipitation. Spilled or leaked waste and accumulated precipitation shall be removed from the secondary containment system within 24 hours, or in as timely a manner as is possible to prevent harm to human health or the environment, if removal of the released waste or accumulated precipitation cannot be accomplished within 24

Violation Notes: Secondary containment was not provided for the 450 gallon tank. According Ryan Fane, P.E. this statement was made about the 1,750 gallon tank "The pit used for secondary containment does not appear to meet the requirements of 22 CCR 66265.193 as it did not appear to be lined and cracks were observed in concrete above the liquid level in the pit at the time of inspection". Secondary containment shall be provided for tank systems to prevent the release of hazardous waste or hazardous constituents to the environment. Secondary containment shall be designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system, and capable of detecting and collecting releases and accidental accumulated liquids until the collected material is removed. Immediately provide secondary containment which meets the requirements of Title 22 for the 450 and 1,750g [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to maintain adequate records (or NPDES permit records) of drainage from diked areas.
Violation Notes: Records of drainage of uncontaminated rainwater from diked areas were not found on site. Adequate records (or NPDES permit records) of drainage from diked areas shall be retained. Immediately begin maintaining adequate records (or NPDES permit records) of drainage from diked areas. Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: The following was noted at the time of inspection: 1. An auger-type equipment still containing white powdery substance was observed in the outdoor area of the parts storage for the bag house, and a blue fan like piece of machinery still containing similar white substance was observed inside the bag house storage shed, both areas are located next to LF structures on the norther portion of the property. Mr. Boscacci indicated that he was not sure what the substance was, however the material was containerized at the time of inspection, and will be analyzed by the facility for profiling. 2. A torn up bag which was spilling its contents on the pavement (labeled Unimin and containing health and danger warnings on its label) was observed in the outdoor area of the parts storage for the bag house, located next to the LF structures on the norther portion of the property. Mr. Boscacci indicated that he was not sure what this substances was. 3. The laboratory analytical report [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An inspection checklist was provided to the facility operator on the first day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the completed inspection report. Please be aware as of January 1, 2013, all businesses were required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous material activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields. For assistance with CERS, contact Willy Ng at 209-468-3448.
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection continued.
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection continued.
Eval Division: San Joaquin County Environmental Health

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Due to the size of this facility, a multi-day routine hazardous waste facility inspection was conducted in January of 2017. Facility inspection was implemented over the course of the following days: 1-11-2017, 1-12-2017, 1-13-2017, 1-19-2017, 1-20-2017, and 1-25-2017. EHD inspectors were accompanied during the site walk through by Mr. Bill Boscacci. Samples were collected by the EHD inspector from the ground surface and equipment areas, on 1-11-2017 and on 1-19-2017, from the EP building and the Batch House, respectively. Inspection checklists were provided to the facility for each day of the inspection. The EHD has written the complete report which replaces all initial checklists. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Environmental Health Department (EHD) inspectors (Elena Manzo and Michelle Henry) conducted a routine Above Ground Petroleum Storage (APSA) inspection on April 14 and April 15, 2016. An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. According to the reviewed documentation this facility has a total shell capacity of 28,813 gallons. The reviewed SPCC plan was dated March 4, 2011. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Eval Division: San Joaquin County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations were noted at the time of the inspection. The routine inspection is also part of the evaluation review for the RMP submittal. Public comments were not received during the formal review period. Notes: This facility has two covered processes: Anhydrous Ammonia for bottle treatment and Aqueous Ammonia for Selective Catalytic Reduction. The max. quantity of Anhydrous Ammonia stored on site is 2,016 lbs. of gas within a 500 gallon pressure vessel. The pressure vessel has been shut off and a 150 lb. cylinder is currently being used because of overstock of the material. The cylinder is currently being secured with a nylon rope. Provide a means to secure the cylinder to the support structure which ensures that it will not fall during storage. The hose extending from the cylinder is taped to the pressure vessel. Provide a means to secure the hose from the cylinder to the t-fitting for the process piping. An eyewash/shower is currently not located near the [Truncated]
Eval Division: San Joaquin County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-24-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Conducted a billable routine inspection. See service code 001 for details.
Eval Division: San Joaquin County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-14-2007
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Willy Ng
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Michelle Henry
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Enforcement Action:
Site ID: 398799

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	01-11-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	01-11-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HWLQG
Enf Action Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	04-14-2016
Enf Action Type:	Referral to District Attorney
Enf Action Description:	Referral to District Attorney
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	APSA
Enf Action Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Site Address:	14700 W SCHULTE RD
Site City:	TRACY
Site Zip:	95376
Enf Action Date:	04-14-2016
Enf Action Type:	Referral to District Attorney
Enf Action Description:	Referral to District Attorney
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HWLQG
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420

Affiliation Type Desc:	Document Preparer
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	14700 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95376
Affiliation Phone:	(209) 836-8269

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	14700 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95376
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Bill Boscacci
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	OWENS-ILLINOIS INC
Entity Title:	Not reported
Affiliation Address:	One Michael Owens Way
Affiliation City:	Perrysburg
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	43551-2999
Affiliation Phone:	(567) 336-5000

Affiliation Type Desc:	Operator
Entity Name:	Bill Boscacci

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 836-8269

Affiliation Type Desc:	Parent Corporation
Entity Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	Bill Boscacci
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 321-4346

CERS TANKS:

Site ID:	398799
CERS ID:	10153919
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	06-14-2007
Citation:	HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 06/28/2007.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/08/2017. Reportable amounts of CL 16, RL 9009, CL 206, electrostatic precipitator waste, Trona, compressed

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

oxygen/nitrogen mixture, Techtro Gold III coolant, Purple Power degreaser; flammable liquid (MEK) waste, Spartan soap/degreaser, mortar/refractory and Glassflow White scoop lubricant were found on site that have not been reported. Any material that meets or exceeds the reportable quantity shall be reported in the facility's business plan. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, add the materials to the hazardous material inventory, and submit to the EHD for approval.

Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: An inspection was last done on 4-14-2016 and 4-15-2016, and an inspection report was issued identifying information to be submitted to bring this site into compliance. This information was required to be submitted within 30 days of the receipt of the full inspection report. This information has not been received within 30 days, as required, resulting in a non-compliant status for this facility. An operator that receives an inspection report shall have 30 days to submit a written response that includes a statement documenting corrective actions taken or proposing corrective actions which will be taken. Ensure that a written response documenting corrective actions taken or proposed is submitted within 30 days of receiving an inspection report.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: The following was noted at the time of inspection: 1) In the bag house grit blast room, hazardous waste (grit blast) was generated and put a 55-gallon waste container. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. 2) Metal fines were observed inside a bin of scrap metal located inside the main mechanic shop, according to Mr. Boscacci all metal fines generated by the mechanic shop are being handled as hazardous. Mr Boscacci indicated that observed metal fines will be removed from the scrap metal bin at the time of inspection. This is a repeat violation from the 2016 hazardous waste inspection. Hazardous wastes shall be disposed of only by transportation to a permitted hazardous waste treatment, storage, and disposal facility (TSDF). Immediately cease illegal disposal of hazardous waste and ensure that all future waste is hauled by a licensed hazardous waste transporter to a permitted TSDF, as [Truncated]

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41
Violation Description: Failure of a large quantity RCRA generator to prepare the Biennial report (Form 8700), and submit to DTSC by March 1st on even numbered years ; and maintain it onsite for three years.
Violation Notes: A biennial report reviewed at the time of inspection listed that OxyEP Dust is not being recycled onsite, it is EHD's understanding that this material is being recycled onsite as part of the process. A Biennial Report, USEPA Form #8700, shall be prepared and submitted to DTSC by March 1 or each even-numbered year and maintained on site for at least three years. Immediately prepare an accurate biennial report, submit the information to DTSC (and a copy to the EHD) 30 days from receipt of this report, and maintain it on site.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: The facility s contingency plan is outdated and incomplete The plan does not list an emergency coordinator or an alternate. The plan does list environmental engineer, Steve Howie and Lisa Mendoza, both who are no longer with the company. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all others in order in which they will assume responsibilities; 4. List all emergency equipment, [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to test liquid level sensing devices to ensure proper operation.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Notes: According to Mr. Boscacci, the existing liquid level sensing devices have not been tested for all existing tanks. Procedures and frequency of testing for these devices were not addressed in the Spill Prevention, Control, and Countermeasure (SPCC) plan. Liquid level sensing devices must be installed in accordance with CFR 112.8 and shall be regularly tested to ensure proper operation. Immediately conduct all necessary testing of liquid level sensing devices, or provide equivalence as allowed by CFR 112.7(a)(2). Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.
Violation Notes: Oily staining and standing oil were noted below the used oil tanks located in the vicinity of the onsite oil water separators.
Furthermore, the oil water separator, which was full of oily liquid at the time of inspection, is being used as a secondary containment for the 1,750-gallon used oil tank. Inspections and testing shall be conducted on all aboveground liquid petroleum containers larger than 55 gallons, including the regulated oil filled equipment and all 55 gallon drums of oil. Although some inspections are being implemented, these inspections are not addressing the issues observed at the time of inspection. Records of these inspections and tests shall be signed by the appropriate supervisor or inspector and kept on site with the Spill Prevention, Control, and Countermeasure (SPCC) Plan for a period of three years. Immediately begin necessary and adequate testing and inspections for all Aboveground Petroleum Storage Act regulated containers and maintain on site with [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan .
Violation Notes: This facility has an Aboveground Petroleum Storage Act (APSA) regulated shell capacity of >10,000 gallons. A Spill Prevention, Control, and Countermeasure (SPCC) Plan (dated March 4, 2011) was onsite. The reviewed plan is not being implemented as written, for

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

example, two people are required to be present during filling of the diesel tank (or present during filling of any container located some distance from the tanker), according to William Boscacci, this practice is not being implemented at this time. All facilities which have an APSA regulated shell capacity of 1,320 gallons or greater shall prepare a written SPCC Plan which meets all of the requirements of the 40 CFR Part 112. Each owner or operator specified in this subdivision shall prepare and implement the SPCC plan to assure compliance with Section 112 (commencing with Section 112.1) of Subchapter D of Chapter I of Title 40 of the Code of Federal Regulations. Submit proof of correction to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description: Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes: Returned to compliance on 07/25/2016. 22.5 Metric Tons (M) of "NA3077 Hazardous Waste, Solid, NOS, (cadmium, chromium, lead), 9, PG III" , waste tracking number 010315-28 and 20.3 M of "NA3077, Hazardous Waste, Solid, NOS, (cadmium, chromium, lead), 9, PG III" , waste tracking number 010315-29 was transported off site for disposal on August 3rd, 2015 without first preparing a uniform hazardous waste manifest. Uniform hazardous waste manifest 007708748JJK (20T) and 007708749JJK(18Y) were generated later. It appeared that 010315-28 corresponded to 007708749JJK and 010315-29 corresponded to 007708748JJK. A generator shall prepare a Uniform Hazardous Waste Manifest on EPA Form 8700-22 prior to the transport of a hazardous waste for off-site transfer, treatment, storage or disposal. Ensure that a manifest is prepared each time hazardous waste is transported for off site transfer, treatment, storage or disposal. Submit written documentation describing the weight discrepancies noted above and what steps will be [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 06-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/27/2009.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Date:	04-14-2016
Citation:	HSC 6.5 25143.10 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.10
Violation Description:	Failure of any person who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption, to provide the following information every two years: 1) The name, site address, mailing address, and telephone number of the owner or operator of any facility that recycles the material. 2) The name and address of the generator of the recyclable material. 3) Documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met, including the following: A) Where a person who recycles the material is not the same person who generated the recyclable material, documentation that there is a known market for disposition of the recyclable material and any products manufactured from the recyclable material. B) Where the basis for the exclusion is that the recyclable material is used or reused to make a product or as a safe and effective substitute for a commercial product, a general description of the material and products, identification of the constituents or group of constituents, and their approximate concentrations, that would render the material or product hazardous under the regulations adopted pursuant to HSC 25140 and 25141, if it were a waste, and the means by which the material is beneficially used.
Violation Notes:	Grit blast is being recycled and all required information to claim the exclusion or exemption has not been submitted. To claim an exclusion or exemption from classifying this as a waste, the following information shall be submitted every two years: - name, site address, mailing address, and telephone number of the owner or operator of the facility that recycles the material; - name and address of the generator of the recyclable material; - documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met. It was noted on a previous inspection report, the DTSC had been contacted and allowed the exclusion. Immediately provide all required information for every recyclable material that you wish to claim the exclusion or exemption and provide that information every two years. If the required information cannot be provided, the materials must immediately be handled as a hazardous waste.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 09/26/2017. The site map is not accurate and representative of much of the facility; there are structures shown on the map are not present at the facility and there are structures at the facility not shown on the map; additionally, loading areas, access and exit points, emergency shutoffs, emergency response and many of the hazardous materials storage and handling locations are not shown. A site map shall contain a north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	material handling and storage areas, and emergency response equipment. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, upload the correct or updated information, and submit to the EHD for approval.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to make SPCC plan amendment(s) when the facility has had a change in: design, construction, operation, or maintenance which affects the facility s discharge potential.
Violation Notes:	Not reported
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/25/2017. 1) The labeling of five 55-gallon hazardous waste containers located next to the EP Building lacked hazardous properties and physical state. The label of one 55-gallon container located inside the ChromOx Minor Storage building was lacking hazardous properties. One 55-gallon container of oily waste had an "ERM" label, the ERM label was removed at the time of inspection and will be labeled as oily debris, per Mr. Boscacci. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date The labeling of these containers was corrected at the time of inspection, ensure that all containers are labeled as appropriate at all times. Submit proof of correction for the labeling of the 55-gallon container of oily debris originally labeled as ERM. 2) One 55-gallon container of oily debris [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194
Violation Description:	Failure to place wastes or treatment reagents in a tank system that could cause the tank , its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail; and

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

for not using appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. (Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure).

Violation Notes: Staining and pooling liquid was seen on the 450-gallon tanks and 1750-gallon tanks and in the surrounding areas indicating an overfill or release. Appropriate controls and practices shall be used to prevent spills and overflows from the tank or secondary containment systems. These include at a minimum: 1) spill prevention controls (e.g., check valves, dry discount couplings); 2) overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and 3) maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194

Violation Description: Failure to maintain the following general tank operating requirements: a) Hazardous wastes or treatment reagents shall not be placed in a tank system if they could cause the tank, its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail. b) The owner or operator shall use appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. These include at a minimum: 1) Spill prevention controls (e.g., check valves, dry discount couplings); 2) Overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and 3) Maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank.

Violation Notes: Staining was seen on the 450g tanks and 1750g tanks and in the surrounding areas indicating an overfill or release. Appropriate controls and practices shall be used to prevent spills and overflows from the tank or secondary containment systems. These include at a minimum: - spill prevention controls (e.g., check valves, dry discount couplings); - overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and - maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., dike or trench), a drainage control

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

system or a diversion structure (e.g., standby tank) with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank. Immediately implement [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: Secondary containment was not provided for the 450 gallon tank. According Ryan Fane, P.E. this statement was made about the 1,750 gallon tank "The pit used for secondary containment does not appear to meet the requirements of 22 CCR 66265.193 as it did not appear to be lined and cracks were observed in concrete above the liquid level in the pit at the time of inspection". Secondary containment shall be provided for tank systems to prevent the release of hazardous waste or hazardous constituents to the environment. According to Mr. Boscacci, this facility is working on providing the secondary containment in the near future. Secondary containment shall be designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system, and capable of detecting and collecting releases and accidental accumulated liquids until the collected material is removed. [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Description: Failure to meet the following requirements of excluded recyclable materials: 1) Used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2) Used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3) Returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, 4) The material is recycled and used at the same facility at which the material was generated, or by the same corporate entity, 5) The material is recycled within the applicable generator accumulation time, 6) The material is managed in accordance with all applicable requirements for generators of hazardous wastes, 7) If the material is held in a container or tank, the container or tank is labeled, marked, and placarded in accordance with the department's hazardous waste labeling, marking, and placarding requirements which are applicable to generators, except that the container or tank shall be labeled or marked clearly with the words "Excluded Recyclable Material" instead of the words "Hazardous Waste," 8) If the material

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

is used oil, the containers, aboveground tanks, and fill pipes used to transfer oil into underground storage tanks shall also be labeled and clearly marked with the words "Used Oil", 9) The owner or operator of the business location where the material is located has a business plan that meets the following minimal requirements: emergency response plans and procedures, which specifically address the material or that meets the emergency response and contingency requirements which are applicable to generators of hazardous waste, and 10) The material shall be stored and handled in accordance with all local ordinances and codes.

Violation Notes: Grit blast is claimed to be an excluded recyclable waste but does not meet the requirements to be considered so. A waste may be considered an excluded recyclable material if recycled by any of the following methods 1. used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2. used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3. returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, And shall meet all of the following conditions: 1. the material is recycled and used at the same facility at which the material was generated, or by the same corporate entity, 2. the material is recycled within the applicable generator accumulation time, 3. the is [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: The following open containers were noted at the time of inspection: 1) One-black 55-gallon container of MEK (stored inside the main mechanic shop) had a funnel installed which was not latched. 2) In the bag house room, hazardous waste (grit blast) was generated and put into one 55-gallon container which was lacking a lid. This waste was allowed to leak out from the baghouses and blow throughout the room and out the open door to the environment. 3) One 55-gallon container of oily debris which had a lid but the lid was not fastened was observed inside the mechanic shop. All hazardous waste containers shall be closed at all times except when adding or removing waste. Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)
Violation Description: Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems, bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).
Violation Notes: Inspections of the hazardous waste tank system was not performed and documented. The following items are required to be inspected at least daily: 1. overfill/spill control equipment; 2. aboveground portions of the tank system to detect corrosion or releases of water; 3. data gathered from monitoring and leak-detection equipment; 4. outside areas of the tank system including secondary containment to detect erosion or signs of releases of hazardous waste; 5. for uncovered tanks, the level of waste in the tank. Immediately begin required inspections of the hazardous waste tank system, and document the items inspected. Submit a copy of the inspection log for the next 30 days to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.33
Violation Description: Failure of the facility to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes: The following was noted at the time of inspection: 1) Eye washes were seen throughout the facility that were not functioning properly (for example an eye wash located in furnace area located next to a cylinder of mono oxide was lacking caps). 2) Two spill pallets located in the satellite hazardous waste storage area (room with MEK) had free standing liquid in them. 3) Spill pallets throughout the facility, inside and outside had free standing liquid in them. 4) An outdoor spill pallet for the diesel fueling station located next to the 1,000 gallon diesel tank was half full with red dye diesel. 5) Oily debris were observed inside the secondary containment under the new oil containers which are being stored next to the "Hot Vat" area, it's unclear from the communication with Mr. Boscacci, how often the oily pads are being changed out. 6) Oily spillage was observed in the Batch House area under a mixing equipment and inside the secondary

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	containment pan located under [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	A label of the 55-gallon container of fuel filters observed in the vehicle maintenance area didn't indicate that filters were drained and lacked an it lacked accumulation start date. Used oil filters shall be drained of free-flowing oil, stored in a closed, rainproof container, labeled as drained used oil filters, and marked with an accumulation start date. Immediately manage filters, as required, and ensure that all used oil filters are managed in this way. Submit proof of correction to the EHD.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	If claiming impracticability of appropriate containment/diversionary structures: Failure to have a professional engineer clearly denote and demonstrate the impracticability of appropriate containment/diversionary structures.
Violation Notes:	Returned to compliance on 08/23/2016. Periodic integrity testing options were not evaluated in the Spill Prevention, Control, and Countermeasure (SPCC) Plan. If any structures or equipment were not installed to prevent a discharge due to impracticality, the SPCC Plan must clearly explain why the measures are not practicable, periodic integrity testing shall be performed on bulk storage containers, and periodic integrity and leak testing shall be performed on the valves and piping. Immediately amend the SPCC Plan and submit a copy of the changes to the EHD.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to perform a five-year review of the SPCC plan.
Violation Notes:	Returned to compliance on 08/23/2016. The Spill Prevention, Control, and Countermeasure (SPCC) Plan was last reviewed on March 4, 2011. Incorrect emergency coordinator information was noted in the reviewed SPCC plan; Lisa Mendoza is still listed on the reviewed plan, reportedly Lisa had left the facility sometime in 2013. Also, page 22

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of the reviewed plan indicated that an inspection checklist is provided in Appendix D, no inspection checklist was present in Appendix D. A review and evaluation of the SPCC Plan must be conducted at least once every 5 years. As a result of this review and evaluation, the SPCC Plan must be amended within 6 months of review, and recertified by a Professional Engineer if any technical amendments were made. Immediately conduct a review of the facility SPCC Plan and make any necessary amendments.

Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to include inspections of tank supports/foundation, deterioration, discharges and/or accumulations of oil inside diked areas, and comparison records in the records of inspections (or customary business records).
Violation Notes: API-653 Tank reports (dated 6-13-2012), prepared for the 450-gallon and the 1,750 gallon waste oil tanks, were reviewed at the time of inspection. No integrity testing reports were available for the rest of the onsite tanks. The reviewed API-653 Tank reports could only be utilized for these tanks, if these tanks were built according to the APA-650 standards. However, according to the reviewed API-653 Tank reports reports, these tanks (for which these integrity testing reports were prepared, the 450-gallon and the 1,750-gallon tanks), were not built to any observed codes . Each aboveground container shall be tested and inspected for integrity on a regular schedule and whenever repairs are made. The qualifications of personnel performing tests and inspections, frequency and type of testing and inspections that take into account container size, configuration, and design shall be determined in accordance with industry standards. Examples of these integrity tests include, but [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: -Metal fines seen throughout the facility, from different machinery are being handled as scrap metal. According to the return to compliance submitted July 8, 2011 all metal lathes, (it do not indicate which one, how many, or where they were located), one lathe was proven to have particles less than 100 microns and would be handled as hazardous waste. At time of inspection no hazardous waste records for metal fines were available and inspectors were told all metal grindings and fines are handled as scrap metal. -In the bag house room, hazardous waste (grit blast) was generated and put in 55g drums from bag houses. This waste was allowed to leak out from the

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	baghouses and blow throughout the room and out the open door to the environment. -"Grit blast" in damaged containers was seen leaking outside of the "Chromox" & "Iron Oxide" storage building onto the ground and into the air. - Hazardous waste from the baghouses in the basement has been released all over the ground [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide and maintain adequate secondary containment.
Violation Notes:	According to the site inspection and according to the reviewed tank assessment report, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the 450-gallon and 1750-gallon waste oil tanks appear to have insufficient secondary containment. The reviewed waste oil tank assessment, indicated the oil water separator pit used as secondary containment for the 1,750-gallon tank "doesn't appear to meet the requirements of 22 CCR 66265.193 and it didn't appear to be lined and cracks were observed in concrete above the liquid level in the pit". Furthermore, according to the same tank assessment, the 450-gallon waste oil tank has no secondary containment. Also, the oily waste mixture, referred to as "biosol" and used in the glass making process, discharges directly from the glass making area into an unlined area where it pools and subsequently flows into the in-ground oil water separators. All bulk storage tanks must be provided with a secondary means of containment for the [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 15 66265.35 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.35
Violation Description:	Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes.
Violation Notes:	Three 55 gallon containers stored in two layers inside the "Blue Barn" (the main hazardous waste storage area) were placed in a way that their labels couldn't be reviewed at the time of inspection. Adequate aisle space shall be maintained to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to all areas of facility operation in an emergency. Immediately maintain aisle space to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to any area of facility operation in an emergency.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to adequately describe the physical layout of the facility, or no description of the physical layout of the facility included within the SPCC plan.
Violation Notes: No transfer pipes were noted on the reviewed facility diagram included in the reviewed the Spill Prevention, Control, and Countermeasure (SPCC) plan. The SPCC Plan shall include a facility diagram which must mark the location and contents of each fixed storage container and the storage area where mobile or portable containers are located. It must identify the location of and mark as "exempt" underground tanks. It must also include all transfer stations and connecting pipes, including intra-facility gathering lines. Immediately update the facility diagram to include all of the required information. Submit a legible copy of the updated facility diagram to the EHD for review.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: RCRA Large Quantity Generator Program - Operations/Maintenance - General
Violation Notes: At time of inspection, the following empty containers which previously held a a hazardous material were seen: -one 55 gallon white poly drum labeled ChemTreat CL-2150 -one 55 gallon blue poly drum labeled CL-2212 -more than sixteen 250g poly totes near the blue barn -more than 20 55 gallon drums near the blue barn. Containers larger than five gallons that previously held a hazardous material shall be marked with the date they were emptied and managed within one year of being emptied. Immediately mark and manage all empty containers per this section.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/25/2016. At time of inspection: -Three 55g drums of Non RCRA hazardous waste solid (oily debris) were seen without a hazardous property (other was marked) -One 55g drum of Non RCRA hazardous waste (oil, water) was seen without a hazardous property marked. -One 55g drum of Non RCRA hazardous waste liquid (Ethylene glycol) was seen without a hazardous property marked. -One

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

55g drum of Non RCRA hazardous waste liquid (oil) was seen without a hazardous property marked. -Eight white totes of Hazardous Waste solid (Chromium Lead Selenium) were seen without a hazardous property (other was marked). -One 55g drum of oily contaminated debris near the vehicle maintenance area was seen without a hazardous waste label. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date Immediately [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.33
Violation Description: Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes: Returned to compliance on 07/25/2016. -Eye washes were seen throughout the facility that were not functioning properly. -Two spill pallets in the satellite hazardous waste storage area (room with MEK) had free standing liquid in them. -Spill pallets throughout the facility, inside and outside had free standing liquid in them. All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment, where required, shall be tested and maintained as necessary to assure its proper operation in time of emergency. Remove the liquid from all spill pallets, make a hazardous waste determination and handle according to Title 22. Submit a statement to the EHD identifying how the above listed items were addressed.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Manifest numbers 007708761JJK, 012848915JJK, 004351297JJK were found without a signed off copy from the destination facility. Manifest number 013792833JJK was not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	transporter, the generator shall submit an Exception Report that includes a legible copy of the [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description:	Failure to complete the Uniform Hazardous Waste Manifest exception requirements.
Violation Notes:	Manifest number 016521542 JJK was found without a signed off copy from the destination facility and no exception report was filed. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the missing manifest, and a cover letter signed by the [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description:	Failure to complete the uniform hazardous waste manifest exception requirements.
Violation Notes:	Manifest numbers 007708761JJK, 012848915JJK, 004351297JJK were found without a signed off copy from the destination facility. Manifest number 013792833JJK was not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes: The hazardous waste tank assessment (dated 12-15-2016) for the 450-gallon tank located in the basement of Furnace C and the 1,750-gallon tank located in the basement of Furnace A/B are inadequate. The hazardous waste tank assessments are based on CCR 66265.191 (existing) and 66265.192 (new) and utilize API-653 which can not be used for these tanks, multiple items like PE certification, age of tank system, description of tank system including pumps, sketch of tank system, etc. are lacking. No tank assessment was available for the hazardous waste tank(s) located in the floor of the "Hot Vat" area. The hazardous waste tank assessment shall include but not be limited to all of the following information: 1. tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2. design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A. [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Manifest number 016521542 JJK was found without a signed off copy from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 35 days of the date the waste was accepted by the initial transporter, the generator shall contact the transporter and/or the owner or operator of the designated facility to determine the status of the waste. If the generator did not receive a copy of the signed off copy of the manifest within 45 days of the date that the waste was accepted by the initial transporter, the generator shall submit an Exception Report that includes a legible copy of the missing manifest, and a cover letter signed by the generator explaining the efforts [Truncated]

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.
Violation Notes: In the blue barn: -Totes of hazardous waste containing chromium, lead and selenium were open, haphazardly closed, allowing the fine powder to be released throughout the barn , on the ground and in the air. -Free standing oily and whitish/yellow liquid behind and under the hazardous waste containers was seen. It could not be determined where it had come from (leaking containers, overfill,etc.) -In the outside storage area, near the SE corner, by the compressor room, totes and containers of "Chromox" and "Iron Oxide" were stored. These containers were releasing their product to the ground, to the air and potentially out the doors. When asked what would happen to the release, Bill said about monthly someone would come in sweep up the area and handle the sweepings as hazardous waste. A sample of this material was not taken outside the builiding but will be taken during the next inspection. Facilities shall be maintained and operated to minimize the possibility of a fire, [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 06-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/29/2009.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.171 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.171
Violation Description: Failure to accumulate hazardous waste in a container that is in good condition.
Violation Notes: Seven-55g drums of grit blast were seen stored outside on pallets. At the bottom of the rusty metal containers was caked grit blast. The grit blast was also seen on the ground around the pallets. Hazardous waste shall be stored in a container that are in good condition. Immediately transfer all hazardous wastes into containers that are in

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

good condition or have hazardous wastes properly disposed of by a licensed hazardous waste hauler under a proper manifest.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description: Failed to meet the conditions of satellite accumulation regulations, including but not limited to the following: accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator the container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accumulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first.
Violation Notes: Not reported
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description: Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information; A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age); 4) Description and evaluation of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste

Violation Notes: The hazardous waste tank assessment for the 450g tank located in the basement of Furnace C and the 1,750g tank located in the basement of Furnace A/B are inadequate. The hazardous waste tank assessments are based on CCR 66265.191 (existing) and 66265.192 (new) and utilize API-653 which can not be used for these tanks. The hazardous waste tank assessment shall include all of the following information: 1. tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2. design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A. material of construction; B. material thickness and the method used to determine the thickness; C. description of tank system piping (material, diameter); D. description of any internal and external pumps; and E. sketch or drawing of tank including dimensions. 3. [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7

Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or remanufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or remanufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of this section; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of this section shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: The following was noted at the time of inspection: 1) One unlabeled blue 55-gallon empty container with signs of corrosion and white powdery substance on the outside (located next to product container of "Rustriper", which had a corrosive warning label) was observed in the "Hot Vat" area. 2) Seven 55-gallon containers and twenty 250-gallon

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

containers, located in the "Blue Barn" area were labeled as empty and were lacking the date they were emptied. Containers larger than five gallons that previously held a hazardous material shall be marked with the date they were emptied and managed within one year of being emptied. Immediately mark and manage all empty containers per this section, submit proof of correction to the EHD.

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 31 67100.9 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.9
Violation Description: Failure of a large quantity generator to prepare a summary progress report every four years, using DTSC s Form # 1262 (3/99) titled "Summary Progress Report".
Violation Notes: A summary progress report available onsite (dated August 2015) was missing a page 1 and a table 2 for each of the listed waste stream. A Summary Progress Report, DTSC Form #1262, shall be prepared once every four years and submitted to DTSC. Immediately update a summary progress report, submit it to DTSC (and a copy to the EHD), as appropriate.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure of the containment systems, including walls and floors to be sufficiently impervious to contain oil.
Violation Notes: According to the site inspection and according to the reviewed tank assessment report for the 1,750 gallon waste oil tank, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the oil water separator pit used as the secondary containment for the 1,750 gallon waste oil tank "doesn’t appear to meet the requirements of 22 CCR 66265.193 and it didn’t appear to be lined and cracks were observed in concrete above the liquid level in the pit". Also, it was observed at the time of this inspection, that the oily water waste mixture (mixture of "biosol" and water which is used in the glass making process) discharges into an unlined soil area and then subsequently flows into the two oil water separator areas. As such, the diked areas onsite are is not impervious to contain discharged oil. Diked areas must be sufficiently impervious to contain discharged oil. Immediately provide or repair all diked areas to be sufficiently impervious to contain oil.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.
Violation Notes: Employee training records for the management of hazardous waste were incomplete. Some training records are being maintained electronically, and no access to these records was available at the time of this multi day inspection, as such the completeness of the onsite training records couldn't be evaluated at this time. Employee training records shall include: 1. the job title for each position at the facility related to hazardous waste management, and the name of each employee filling each job; 2. written job description for each position listed above; 3. written description of the type and amount of both introductory and continuing training that will be given to each person filing positions listed above; 4. records that document that the training has been given to and completed by facility personnel. Training records on current employees shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 31 67100.8 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.8
Violation Description: Failure of a generator to conduct, when required, a source reduction evaluation review and plan every four years, and/or failure of the review and plan to contain all required information.
Violation Notes: A hazardous waste management performance report available onsite had "red line" corrections, it was unclear at the time of inspection if it was ever finalized. A hazardous waste management performance report shall be prepared once every four years and contain the information listed in CCR 67100.8. Immediately update a hazardous waste management performance report and submit a copy to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	facility.
Violation Notes:	The following was noted at the time of inspection: 1) Floor sweepings which appeared to contain metal fines were observed inside a bin designated for cardboard recycling, located inside the main metal working shop. Ms. Liz Roblero who produced the waste, indicated that she didn't realize that the floor sweepings contained metal fines, and was unsure on how to address the issue when she was asked, under guidance from Mr. Boscacci, the waste was removed from the trash can at the time of inspection and placed into the onsite hazardous waste container. 2) A pair of oily gloves was removed from a trash can located inside the main mechanic shop area and placed inside the "oily debris" hazardous waste storage container, Mr. Boscacci indicated that facility personnel should know where to place oily implements. Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. 4) Metal fines [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to adequately discuss the facility transfer operations, pumping, and facility process within the SPCC plan.
Violation Notes:	Returned to compliance on 08/23/2016. The reviewed SPCC plan didn't address the disposal methods for the recovered spill materials. Also, the plan's list of the required response coordinator and clean up contractors appeared to be out of date. The following shall be addressed in the Spill Prevention, Control, and Countermeasure (SPCC) Plan: - type of oil in each fixed container and it's storage capacity. For mobile or potable containers, the type of oil and storage capacity for each container or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities - discharge prevention measures including procedures for routine handling of products - discharge or drainage controls such as secondary containment, equipment, and procedures for the control of a discharge - countermeasures for discharge discovery, response, and cleanup - methods of disposal of recovered materials - contact list and phone numbers for the facility [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed,

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: At time of inspection current training records could not be provided. Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1. procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2. key parameters for automatic waste feed cut-off systems; 3. communications or alarm systems; 4. response to fires or explosions; 5. response to ground-water contamination incidents; and 6. shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1. the job title for each position at the facility related to [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to discuss the appropriate containment/diversionary structures/equipment within the plan.
Violation Notes: According to the site inspection and according to the reviewed tank assessment report, prepared by Canestoga-Rovers&Associates (dated August 15, 2012), the 450-gallon and 1750-gallon waste oil tanks appear to have insufficient secondary containment. The reviewed waste oil tank assessment, indicated the oil water separator pit used as secondary containment for the 1,750-gallon tank "doesn’t appear to meet the requirements of 22 CCR 66265.193 and it didn’t appear to be lined and cracks were observed in concrete above the liquid level in the pit". Furthermore, according to the same tank assessment, the 450-gallon waste oil tank has no secondary containment. Also, the oily waste mixture, referred to as "biosol" and used in the glass making process, discharges directly from the glass making area into an unlined area where it pools and subsequently flows into the respective in-ground oil water separators. Also, standing oily liquid was noted next to the oil filled equipment, and [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.
Violation Notes: Oil handling personnel were not adequately trained. Thirty people were trained in 2010 compared to the most recent training during, which only two people were trained. The last spill prevention briefing was held in 2013. At a minimum, oil handling personnel shall be trained in the operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; and the contents of the Spill Prevention, Control, and Countermeasure Plan. Immediately provide this training to all oil handling personnel and submit a copy of the training log to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: No waste analysis was available for the metal fines being generated on site. These waste streams are mixed with the scrap metal recycling. A hazardous waste determination had been made according to the 2011 return to compliance certification but it was not indicated which waste streams were determined to be hazardous. The hazardous waste analysis was not available on site for review. A generator shall make a hazardous waste determination and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last disposed of. Immediately stop recycling metal fines, locate a copy of the waste analysis conducted for all metal fines generated on site and submit copies to the EHD. If a copy is unavailable, immediately make a hazardous waste determination and begin managing the metal fines under Title 22 hazardous waste regulations. Particles 100 microns or [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to properly close hazardous waste containers when not in

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	active use.
Violation Notes:	Returned to compliance on 07/25/2016. -Eight-white tote bags of hazardous waste (chromium, lead, selenium) were seen open, or haphazardly closed. -One-15-20g black drum of MEK was open. -One 55g drum of oily contaminated debris near the vehicle maintenance area. All hazardous waste containers shall be closed at all times except when adding or removing waste. Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to obtain facility management approval to fully implement the SPCC Plan.
Violation Notes:	Not reported
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes:	The facility s contingency plan is not current. According to Bill Boscacci, respirators must be worn inside the Batch House building, however this personal protective equipment use is not reflected in the reviewed contingency plan. Furthermore, the reviewed plan lists the last SPCC/ contingency plan related training as 9-11-2013. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Description:	Failure to manage a recyclable material pursuant to HSC 6.5

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

25143.2(b), (c), or (d).

Violation Notes: Returned to compliance on 01/25/2017. "Grit Blast" waste is claimed to be an excluded recyclable waste but does not meet the requirements to be considered so, due to the inadequate management practices. Labeling for several ERM material containing totes, located adjacent to the EP building, was incomplete and lacked hazardous properties and physical state, the ERM labeling was corrected at the time of inspection. A waste may be considered an excluded recyclable material if recycled by any of the following methods 1. used or reused as an ingredient in an industrial process to make a product if the material is not being reclaimed, 2. used or reused as a safe and effective substitute for commercial products if the material is not being reclaimed, 3. returned to the original process from which the material was generated, without first being reclaimed, if the material is returned as a substitute for raw material feedstock, and the process uses raw materials as principal feedstocks, And shall meet [Truncated]

Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)

Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.

Violation Notes: Returned to compliance on 06/08/2017. During the inspection, it was found that reportable amounts of hazardous material are present at the facility and the updated information has not been submitted. Within 30 days of one the following events, business shall electronically update the information submitted to the California Environmental Reporting System (CERS): - A 100 percent or more increase in the quantity of a previously disclosed material. - Any handling of a previously undisclosed hazardous material - A change of business address, business ownership, or business name. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, enter the correct or updated information, and submit to the EHD for approval.

Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)

Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Notes:	Returned to compliance on 06/19/2017. Employee training records were not available at the time of inspection. The business plan shall include provisions for ensuring that appropriate personnel receive initial and annual refresher training. This training shall be documented electronically or by hard copy and shall be made available for a minimum of three years. Immediately provide employee training for appropriate personnel and submit a copy of the training records to the EHD. A site map was not completed or submitted as part of the business plan.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to schedule and conduct spill prevention briefings at least once a year.
Violation Notes:	Discharge prevention briefings are not scheduled at least once a year. According to William Boscacci, the last spill prevention briefing was held in 2013. Discharge prevention briefings for oil handling personnel must be scheduled and conducted at least once a year to assure adequate understanding of the SPCC Plan for that facility. Such briefings must highlight and describe known discharges or failures, malfunctioning components, and any recently developed precautionary measures. Immediately schedule and conduct a discharge prevention briefing, ensure that they are scheduled and conducted at least once a year.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	01-11-2017
Citation:	HSC 6.5 25143.10 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.10
Violation Description:	Failure of any person who recycles more than 100 kilograms per month of recyclable material under a claim that the material qualifies for exclusion or exemption, to submit recyclable materials report every two years.
Violation Notes:	Returned to compliance on 01/25/2017. The "ESP Dust" and "Grit blast" is being recycled and all required information to claim the exclusion or exemption has not been submitted. To claim an exclusion or exemption from classifying this as a waste, the following information shall be submitted every two years: - name, site address, mailing address, and telephone number of the owner or operator of the facility that recycles the material; - name and address of the generator of the recyclable material; - documentation that the requirements of any exemptions or exclusions pursuant to HSC 25143.2 are met. Immediately provide all required information for every recyclable material that you wish to claim the exclusion or exemption and provide that information every two years. If the required information cannot be provided, the materials must immediately be handled as a hazardous waste. The Recyclable Materials Report Documentation was uploaded into

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

CERS by the end of business day on 1-11-2-17. This was [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to promptly correct the causes of leaks that result in accumulations of oil in diked areas.
Violation Notes: Oily staining and standing oil were noted below the used oil tanks located in the vicinity of the onsite oil water separators. Furthermore, the oil water separator, which was full of oily liquid at the time of inspection, is being used as a secondary containment for the 1,750-gallon used oil tank. Visible discharges which result in a loss of oil from a container, including but not limited to seams, gaskets, piping, pumps, valves, rivets, and bolts, must be promptly corrected. Immediately fix all leaks and clean all visible staining , and manage according to the California Code of Regulations Title 22 hazardous waste regulations. Maintain all diked areas free of all accumulations. Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: The following was noted at the time of inspection: 1) Totes and containers of "Chromox" and "Iron Oxide" among other raw materials were stored inside the Minor Storage area, some of these containers (the source couldn’t be definitively determined at the time of inspection, although Mr. Boscacci indicated that the spilled material is likely graphite) appeared to be releasing fine grayish powder to the floor of the storage area, this area is open to the outside. One hazardous waste container was present in this area, according to Mr. Boscacci any floor sweep from this area will be placed into this hazardous waste container. Not enough free material was available for a sample collection at the time of inspection. 2) Oily pooling and oily staining was observed throughout the furnace building where oily swabs are used in the glass molding operation. 3) Oily pooling and oily staining was observed throughout the Hot Vat area, with white powdery substance on the ground [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.52 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.52
Violation Description: Failure to include all of the following in the Contingency Plan: 1) A description of actions the facility personnel shall take response to fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water at the facility; 2) A description of arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services; 3) All names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinator and this list shall be kept up to date. Where more than one person is listed, one shall be named as primary emergency coordinator and others shall be listed in the order in which they will assume responsibility as alternates; 4) A list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems (internal and external), and decontamination equipment), where this equipment is required. This list shall be kept up to date. In addition, the plan shall include the location and a physical description of each item on the list, and a brief outline of its capabilities; 5) An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary. This plan is to describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes (in cases where the primary routes could be blocked by releases of hazardous waste or fires); 6) The current telephone number of the California Emergency Management Agency; and 7) If the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) or some other emergency or contingency plan, the owner or operator need only amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this chapter.
Violation Notes: The facility s contingency plan is outdated and incomplete The plan does not list an emergency coordinator or an alternate. The plan does list environmental engineer, Steve Howie and Lisa Mendoza, both who are no longer with the company. The contingency plan must include: 1. Description of actions facility personnel will take in response to fires, explosions, or any sudden or non-sudden release of hazardous waste to air, soil or surface water at the facility; 2. Description of arrangements made with local police departments, fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services; 3. List of names, addresses, and phone numbers (office/home/cell) of all persons qualified to act as emergency coordinator. Where more than one person is listed, one shall be named as the primary emergency coordinator and all others in order in which they will assume responsibilities; 4. List all emergency equipment, [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 04-14-2016
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22,

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

	Chapter 15, Section(s) 66265.193
Violation Description:	Failure of the LQG and/or TP generator, on all new and existing hazardous waste tank systems and ancillary equipment, to meet the following secondary containment requirements: 1) Designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system; and 2) Capable of detecting and collecting releases and accumulated liquids until the collected material is removed. 3) Constructed of or lined with materials that are compatible with the waste(s) to be placed in the tank system and shall have sufficient strength and thickness to prevent failure due to pressure gradients (including static head and external hydrological forces), physical contact with the waste to which they are exposed, climatic conditions, the stress of installation, and the stress of daily operation (including stresses from nearby vehicular traffic); 4) Placed on a foundation or base capable of providing support to the secondary containment system and resistance to pressure gradients above and below the system and capable of preventing failure due to settlement, compression, or uplift; 5) Provided with a leak detection system that is designed and operated so that it will detect the failure of either the primary and secondary containment structure or any release of hazardous waste or accumulated liquid in the secondary containment system within 24 hours, or at the earliest practicable time if the existing detection technology or site conditions will not allow detection of a release within 24 hours; 6) Sloped or otherwise designed or operated to drain and remove liquids resulting from leaks, spills, or precipitation. Spilled or leaked waste and accumulated precipitation shall be removed from the secondary containment system within 24 hours, or in as timely a manner as is possible to prevent harm to human health or the environment, if removal of the released waste or accumulated precipitation cannot be accomplished within 24
Violation Notes:	Secondary containment was not provided for the 450 gallon tank. According Ryan Fane, P.E. this statement was made about the 1,750 gallon tank "The pit used for secondary containment does not appear to meet the requirements of 22 CCR 66265.193 as it did not appear to be lined and cracks were observed in concrete above the liquid level in the pit at the time of inspection". Secondary containment shall be provided for tank systems to prevent the release of hazardous waste or hazardous constituents to the environment. Secondary containment shall be designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system, and capable of detecting and collecting releases and accidental accumulated liquids until the collected material is removed. Immediately provide secondary containment which meets the requirements of Title 22 for the 450 and 1,750g [Truncated]
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	398799
Site Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date:	04-14-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to maintain adequate records (or NPDES permit records) of drainage from diked areas.

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violation Notes: Records of drainage of uncontaminated rainwater from diked areas were not found on site. Adequate records (or NPDES permit records) of drainage from diked areas shall be retained. Immediately begin maintaining adequate records (or NPDES permit records) of drainage from diked areas. Submit proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Violation Date: 01-11-2017
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: The following was noted at the time of inspection: 1. An auger-type equipment still containing white powdery substance was observed in the outdoor area of the parts storage for the bag house, and a blue fan like piece of machinery still containing similar white substance was observed inside the bag house storage shed, both areas are located next to LF structures on the norther portion of the property. Mr. Boscacci indicated that he was not sure what the substance was, however the material was containerized at the time of inspection, and will be analyzed by the facility for profiling. 2. A torn up bag which was spilling its contents on the pavement (labeled Unimin and containing health and danger warnings on its label) was observed in the outdoor area of the parts storage for the bag house, located next to the LF structures on the norther portion of the property. Mr. Boscacci indicated that he was not sure what this substances was. 3. The laboratory analytical report [Truncated]
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An inspection checklist was provided to the facility operator on the first day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the completed inspection report. Please be aware as of January 1, 2013, all businesses were required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous material activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields. For assistance with CERS, contact Willy Ng at 209-468-3448.
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Eval Date:	01-19-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection continued.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	01-20-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection continued.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-25-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Due to the size of this facility, a multi-day routine hazardous waste facility inspection was conducted in January of 2017. Facility inspection was implemented over the course of the following days: 1-11-2017, 1-12-2017, 1-13-2017, 1-19-2017, 1-20-2017, and 1-25-2017. EHD inspectors were accompanied during the site walk through by Mr. Bill Boscacci. Samples were collected by the EHD inspector from the ground surface and equipment areas, on 1-11-2017 and on 1-19-2017, from the EP building and the Batch House, respectively. Inspection checklists were provided to the facility for each day of the inspection. The EHD has written the complete report which replaces all initial checklists. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2016

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Environmental Health Department (EHD) inspectors (Elena Manzo and Michelle Henry) conducted a routine Above Ground Petroleum Storage (APSA) inspection on April 14 and April 15, 2016. An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. According to the reviewed documentation this facility has a total shell capacity of 28,813 gallons. The reviewed SPCC plan was dated March 4, 2011. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-24-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No violations were noted at the time of the inspection. The routine inspection is also part of the evaluation review for the RMP submittal. Public comments were not received during the formal review period. Notes: This facility has two covered processes: Anhydrous Ammonia for bottle treatment and Aqueous Ammonia for Selective Catalytic Reduction. The max. quantity of Anhydrous Ammonia stored on site is 2,016 lbs. of gas within a 500 gallon pressure vessel. The pressure vessel has been shut off and a 150 lb. cylinder is currently being used because of overstock of the material. The cylinder is currently being secured with a nylon rope. Provide a means to secure the cylinder to the support structure which ensures that it will not fall during storage. The hose extending from the cylinder is taped to the pressure vessel. Provide a means to secure the hose from the cylinder to the t-fitting for the process piping. An eyewash/shower is currently not located near the [Truncated]
Eval Division:	San Joaquin County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Conducted a billable routine inspection. See service code 001 for details.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-14-2007
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector Name: Willy Ng
Eval Division:	San Joaquin County Environmental Health

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Michelle Henry
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG
Eval Source: CERS

Enforcement Action:
Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Site Address: 14700 W SCHULTE RD
Site City: TRACY
Site Zip: 95376
Enf Action Date: 01-11-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Joaquin County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Site Address: 14700 W SCHULTE RD
Site City: TRACY
Site Zip: 95376
Enf Action Date: 01-11-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Joaquin County Environmental Health
Enf Action Program: HWLQG
Enf Action Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Site Address: 14700 W SCHULTE RD
Site City: TRACY
Site Zip: 95376
Enf Action Date: 04-14-2016
Enf Action Type: Referral to District Attorney
Enf Action Description: Referral to District Attorney
Enf Action Notes: Not reported
Enf Action Division: San Joaquin County Environmental Health
Enf Action Program: APSA
Enf Action Source: CERS

Site ID: 398799
Site Name: OWENS-BROCKWAY GLASS CONTAINER INC
Site Address: 14700 W SCHULTE RD
Site City: TRACY
Site Zip: 95376

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Enf Action Date:	04-14-2016
Enf Action Type:	Referral to District Attorney
Enf Action Description:	Referral to District Attorney
Enf Action Notes:	Not reported
Enf Action Division:	San Joaquin County Environmental Health
Enf Action Program:	HWLQG
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420

Affiliation Type Desc:	Document Preparer
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	14700 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95376
Affiliation Phone:	(209) 836-8269

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	14700 W SCHULTE RD
Affiliation City:	TRACY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95376
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Bill Boscacci
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

OWENS-BROCKWAY GLASS CONTAINER INC (Continued) **S112999657**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	OWENS-ILLINOIS INC
Entity Title:	Not reported
Affiliation Address:	One Michael Owens Way
Affiliation City:	Perrysburg
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	43551-2999
Affiliation Phone:	(567) 336-5000
Affiliation Type Desc:	Operator
Entity Name:	Bill Boscacci
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 836-8269
Affiliation Type Desc:	Parent Corporation
Entity Name:	OWENS-BROCKWAY GLASS CONTAINER INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	Bill Boscacci
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 321-4346

B21 **USF REDDWAY** **HIST UST** **S112990893**
NE **14700 W SCHULTE RD** **EMI** **N/A**
< 1/8 **TRACY, CA 95377** **HAZNET**
0.006 mi.
30 ft. **Site 5 of 5 in cluster B**

Relative:
Lower

Actual:
114 ft.

HIST UST:

File Number:	0002FF90
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002FF90.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported

USF REDDWAY (Continued) **S112990893**

Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

EMI:

Year:	2014
County Code:	39
Air Basin:	SJV
Facility ID:	593
Air District Name:	SJU
SIC Code:	3221
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.4476395204
Reactive Organic Gases Tons/Yr:	1.1991766321
Carbon Monoxide Emissions Tons/Yr:	1.3620234372
NOX - Oxides of Nitrogen Tons/Yr:	140.73116885
SOX - Oxides of Sulphur Tons/Yr:	85.258562569
Particulate Matter Tons/Yr:	17.31680807
Part. Matter 10 Micrometers and Smllr Tons/Yr:	10.090701544
Year:	2015
County Code:	39
Air Basin:	SJV
Facility ID:	593
Air District Name:	SJU
SIC Code:	3221
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.92203407027
Reactive Organic Gases Tons/Yr:	0.766521482
Carbon Monoxide Emissions Tons/Yr:	2.795295922
NOX - Oxides of Nitrogen Tons/Yr:	89.3817807
SOX - Oxides of Sulphur Tons/Yr:	90.55412061
Particulate Matter Tons/Yr:	20.088208072
Part. Matter 10 Micrometers and Smllr Tons/Yr:	12.414816275

HAZNET:

envid:	S112990893
Year:	2011
GEPAID:	CAC002672670
Contact:	JAMIE HANES

USF REDDWAY (Continued) **S112990893**

Telephone:	9133445205
Mailing Name:	Not reported
Mailing Address:	10900 ROE AVE
Mailing City,St,Zip:	OVERLAND PARK, KS 66211
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Joaquin

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22 **TRACY COMBINED CYCLE POWER PLANT** **AST** **A100425367**
WNW **14950 W SCHULTE RD** **N/A**
< 1/8 **TRACY, CA 95377**
0.072 mi.
381 ft.

Relative:
Higher

Actual:
129 ft.

AST:

Certified Unified Program Agencies:	Not reported
Owner:	AltaGas San Joaquin Energy Inc.
Total Gallons:	Not reported
CERSID:	10184753
Facility ID:	Not reported
Business Name:	GWF ENERGY LLC
Phone:	(209) 248 6841
Fax:	Not reported
Mailing Address:	14950 W SCHULTE RD
Mailing Address City:	TRACY
Mailing Address State:	CA
Mailing Address Zip Code:	95377
Operator Name:	AltaGas Tracy Operations Inc.
Operator Phone:	209 836 1605
Owner Phone:	209 248 6841
Owner Mail Address:	14950 W SCHULTE RD
Owner State:	CA
Owner Zip Code:	95377
Owner Country:	United States
Property Owner Name:	AltaGas San Joaquin Energy Inc.
Property Owner Phone:	Not reported
Property Owner Mailing Address:	14950 W. Schulte Rd.
Property Owner City:	Tracy
Property Owner Stat :	CA
Property Owner Zip Code:	95377
Property Owner Country:	United States
EPAID:	CAL000258560

C23 WNW 1/8-1/4 0.216 mi. 1138 ft. | **FAA - ANTENNAE FARM**
15178 W SCHULTE RD
TRACY, CA 95376

UST | **U004066913**
N/A

Site 1 of 2 in cluster C

Relative: Higher

Actual: 134 ft.

UST SAN JOAQUIN:

Region:	SJ
Facility Id:	FA0017909
Mail Address:	450 GOLDEN GATE AVE 4TH FL EAST
Mail Address 2:	Not reported
Mail Care of:	GSA (KEN PAULSON)
Mail City,St,Zip:	SAN FRANCISCO, CA 94102
Tank Rec ID:	Not reported
Tank Number:	Not reported
Tank Status:	02 - Inactive, non-billable
Tank Capacity:	100
Product Type Desc:	(none)
Program Element:	2380
Decode for Program Element:	2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form:	(none)
CAS#:	Not reported
CERS ID:	Not reported
Cross Ref Tank ID:	Not reported
LEA ID:	99
Common Name:	Not reported
Date Installed:	Not reported
Date of Closure:	Not reported
Latitude:	37.7198529102
Longitude:	-121.4994320831

C24 WNW 1/8-1/4 0.216 mi. 1138 ft. | **TRACY YOUTH SPORTS PARK**
15178 SCHULTE ROAD
TRACY, CA

CPS-SLIC CERS | **S108937588**
N/A

Site 2 of 2 in cluster C

Relative: Higher

Actual: 134 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/21/2009
Global Id:	SL0607797298
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	Not reported
Latitude:	37.721672
Longitude:	-121.495142
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS TANKS:

TRACY YOUTH SPORTS PARK (Continued) **S108937588**

Site ID: 223277
CERS ID: SL0607797298
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: zzz - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

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25 ENE 1/2-1 0.958 mi. 5057 ft.

GEORGE KELLY SCHOOL
VENETO DRIVE/MABEL JOSEPHINE DRIVE
TRACY, CA 95304

ENVIROSTOR SCH CERS **S105840779 N/A**

Relative: Lower
Actual: 81 ft.

ENVIROSTOR:
Facility ID: 39010033
Status: No Further Action
Status Date: 11/26/2003
Site Code: 104313
Site Type: School Investigation
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Northern California Schools & Santa Susana
Assembly: 13
Senate: 05
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 37.72530
Longitude: -121.4711
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC: Arsenic Chlordane DDD DDE DDT Lead
Confirmed COC: 30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30013-NO
Potential Description: SOIL
Alias Name: AKA: GABRIEL ESTATES GRAMMER
Alias Type: Alternate Name
Alias Name: GEORGE KELLY SCHOOL
Alias Type: Alternate Name
Alias Name: TRACY JOINT UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: TRACY USD-GEORGE KELLY SCHOOL
Alias Type: Alternate Name
Alias Name: 104313

GEORGE KELLY SCHOOL (Continued) **S105840779**

Alias Type: Project Code (Site Code)
Alias Name: 39010033
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 04/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/12/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/26/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/29/2003
Comments: Site Investigation Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/10/2002
Comments: Geotechnical Services Report

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

GEORGE KELLY SCHOOL (Continued) **S105840779**

SCH:

Facility ID:	39010033
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	10
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Northern California Schools & Santa Susana
Site Code:	104313
Assembly:	13
Senate:	05
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	11/26/2003
Restricted Use:	NO
Funding:	School District
Latitude:	37.72530
Longitude:	-121.4711
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic, Chlordane, DDD, DDE, DDT, Lead
Confirmed COC:	30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, 30013-NO
Potential Description:	SOIL
Alias Name:	AKA: GABRIEL ESTATES GRAMMER
Alias Type:	Alternate Name
Alias Name:	GEORGE KELLY SCHOOL
Alias Type:	Alternate Name
Alias Name:	TRACY JOINT UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	TRACY USD-GEORGE KELLY SCHOOL
Alias Type:	Alternate Name
Alias Name:	104313
Alias Type:	Project Code (Site Code)
Alias Name:	39010033
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	04/22/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	01/12/2005
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

GEORGE KELLY SCHOOL (Continued) **S105840779**

Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/26/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/29/2003
Comments: Site Investigation Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/10/2002
Comments: Geotechnical Services Report

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS TANKS:
Site ID: 337815
CERS ID: 39010033
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: JAVIER HINOJOSA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

D26 NE 1/2-1 0.978 mi. 5166 ft. | **KIMBALL HIGH SCHOOL**
24606 SOUTH LAMMERS ROAD
TRACY, CA 95376 | **ENVIROSTOR SCH CERS** | **S105954585 N/A**

Site 1 of 2 in cluster D

Relative: Lower

Actual: 71 ft.

ENVIROSTOR:

Facility ID:	39010040
Status:	No Further Action
Status Date:	10/21/2013
Site Code:	104281
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	55.37
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Assembly:	13
Senate:	05
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	37.73218
Longitude:	-121.4761
APN:	24002008, 24004001, 24004004
Past Use:	AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
Potential COC:	Arsenic Chlordane DDD DDE DDT Lead Toxaphene Dieldrin
Confirmed COC:	30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30013-NO No Contaminants found 30207-NO 30023-NO
Potential Description:	SOIL
Alias Name:	Kimball HS Parcels 1, 2, and 3
Alias Type:	Alternate Name
Alias Name:	TRACY LEARNING CENTER
Alias Type:	Alternate Name
Alias Name:	24002008
Alias Type:	APN
Alias Name:	24004001
Alias Type:	APN
Alias Name:	24004004
Alias Type:	APN
Alias Name:	104281
Alias Type:	Project Code (Site Code)
Alias Name:	39010040
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	06/14/2006
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	07/24/2002

KIMBALL HIGH SCHOOL (Continued) **S105954585**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/07/2013
Comments: Signatory change to the SCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 01/22/2007
Comments: PDF of inactive letter sent via e-mail and original hardcopy sent to District by US mail.

Completed Area Name: Parcels 1 and 2
Completed Sub Area Name: Not reported
Completed Document Type: Partial Site Approval
Completed Date: 12/21/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/21/2013
Comments: CRU for Kimball HS, Parcel 3.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 12/21/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/23/2006
Comments: Not reported

Completed Area Name: Parcels 1 and 2
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/07/2006
Comments: DTSC approved the PEA Tech Memo Workplan.

Completed Area Name: Parcels 1 and 2
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/12/2006
Comments: DTSC approved the PEA Report with a partial site approval determination for parcels 1, 2, and 4 and further action for parcel 3.

KIMBALL HIGH SCHOOL (Continued) **S105954585**

Not reported

Completed Area Name: Parcel 3
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/15/2013
Comments: PEA workplan approved.

Completed Area Name: Parcel 3
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/15/2013
Comments: PEA for Parcel 3 approved with NFA. This completes the PEA process for the Kimball HS Site.

Completed Area Name: Parcel 3
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 12/18/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 39010040
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 55.37
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Site Code: 104281
Assembly: 13
Senate: 05
Special Program Status: Not reported
Status: No Further Action
Status Date: 10/21/2013
Restricted Use: NO
Funding: School District
Latitude: 37.73218
Longitude: -121.4761
APN: 24002008, 24004001, 24004004
Past Use: AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA

KIMBALL HIGH SCHOOL (Continued) **S105954585**

Potential COC: Arsenic, Arsenic, Chlordane, DDD, DDE, DDT, Lead, Toxaphene, Dieldrin
Not reported
Confirmed COC: 30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, 30013-NO, No Contaminants found, 30207-NO, 30023-NO
Potential Description: SOIL
Alias Name: Kimball HS Parcels 1, 2, and 3
Alias Type: Alternate Name
Alias Name: TRACY LEARNING CENTER
Alias Type: Alternate Name
Alias Name: 24002008
Alias Type: APN
Alias Name: 24004001
Alias Type: APN
Alias Name: 24004004
Alias Type: APN
Alias Name: 104281
Alias Type: Project Code (Site Code)
Alias Name: 39010040
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/14/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/24/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/07/2013
Comments: Signatory change to the SCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 01/22/2007
Comments: PDF of inactive letter sent via e-mail and original hardcopy sent to District by US mail.

Completed Area Name: Parcels 1 and 2
Completed Sub Area Name: Not reported
Completed Document Type: Partial Site Approval
Completed Date: 12/21/2006
Comments: Not reported

KIMBALL HIGH SCHOOL (Continued) **S105954585**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/21/2013
Comments: CRU for Kimball HS, Parcel 3.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 12/21/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/23/2006
Comments: Not reported

Completed Area Name: Parcels 1 and 2
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/07/2006
Comments: DTSC approved the PEA Tech Memo Workplan.

Completed Area Name: Parcels 1 and 2
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/12/2006
Comments: DTSC approved the PEA Report with a partial site approval determination for parcels 1, 2, and 4 and further action for parcel 3. Not reported

Completed Area Name: Parcel 3
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/15/2013
Comments: PEA workplan approved.

Completed Area Name: Parcel 3
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/15/2013
Comments: PEA for Parcel 3 approved with NFA. This completes the PEA process for the Kimball HS Site.

Completed Area Name: Parcel 3
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 12/18/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported

KIMBALL HIGH SCHOOL (Continued) **S105954585**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS TANKS:
Site ID: 339015
CERS ID: 39010040
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: JOSE SALCEDO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

D27 **ADDITION TO KIMBALL HS (PARCEL 4)** **ENVIROSTOR** **S118757155**
NE **24606 S. LAMMERS ROAD** **SCH** **N/A**
1/2-1 **TRACY, CA 95376**
0.978 mi.
5166 ft. **Site 2 of 2 in cluster D**

Relative:
Lower

Actual:
71 ft.

ENVIROSTOR:
Facility ID: 60000718
Status: No Action Required
Status Date: 10/04/2007
Site Code: 104596
Site Type: School Investigation
Site Type Detailed: School
Acres: 6.98
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Assembly: 13
Senate: 05
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 37.73218
Longitude: -121.4761
APN: 24004005
Past Use: AGRICULTURAL - LIVESTOCK
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: SOIL
Alias Name: 24004005
Alias Type: APN
Alias Name: 104596
Alias Type: Project Code (Site Code)

ADDITION TO KIMBALL HS (PARCEL 4) (Continued) **S118757155**

Alias Name: 60000718
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/16/2007
Comments: DTSC issued a CRU Memo to Accounting to Close-out the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/04/2007
Comments: DTSC PM conducted site visit. No REC's identified during visit

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/04/2007
Comments: DTSC reviewed the Phase 1. DTSC conducted conducted a site visit on 10/4/07. Based on the site visit, Phase I and a PEA report conducted on the immediately adjoining Kimball HS site (104281), DTSC approved the Phase I with a no action determination for the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 60000718
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 6.98
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Site Code: 104596
Assembly: 13
Senate: 05
Special Program Status: Not reported
Status: No Action Required
Status Date: 10/04/2007
Restricted Use: NO
Funding: School District

ADDITION TO KIMBALL HS (PARCEL 4) (Continued) **S118757155**

Latitude:	37.73218
Longitude:	-121.4761
APN:	24004005
Past Use:	AGRICULTURAL - LIVESTOCK
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	SOIL
Alias Name:	24004005
Alias Type:	APN
Alias Name:	104596
Alias Type:	Project Code (Site Code)
Alias Name:	60000718
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/16/2007
Comments:	DTSC issued a CRU Memo to Accounting to Close-out the project.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	10/04/2007
Comments:	DTSC PM conducted site visit. No REC's identified during visit

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	10/04/2007
Comments:	DTSC reviewed the Phase 1. DTSC conducted conducted a site visit on 10/4/07. Based on the site visit, Phase I and a PEA report conducted on the immediately adjoining Kimball HS site (104281), DTSC approved the Phase I with a no action determination for the site.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/06/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/09/2018	Source: EPA
Date Data Arrived at EDR: 02/06/2018	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 66

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/16/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 78

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/12/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 48

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/06/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/16/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 15

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/21/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 01/13/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 134

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/16/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/21/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/21/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/21/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 02/08/2018
Date Data Arrived at EDR: 02/09/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 39

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 02/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/19/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 01/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 46

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 02/08/2018
Date Data Arrived at EDR: 02/08/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 0

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 51

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/23/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/09/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 94

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/20/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 04/09/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/04/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/27/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 01/04/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 99

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 79

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 01/25/2018
Date Data Arrived at EDR: 02/28/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 72

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 87

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 28

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 02/25/2018
Date Data Arrived at EDR: 03/17/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 30

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA SAN FRANCISCO CO
Cupa facilities

Date of Government Version: 04/20/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

DRYCLEAN AVAQMD: DRYCLEAN AVAQMD
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: DRYCLEAN SOUTH COAST
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/16/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 36

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 147

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/23/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 54

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/20/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/14/2018
Date Data Arrived at EDR: 02/16/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 46

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/12/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Annually

ICE: ICE
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 41

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 04/19/2018
Number of Days to Update: 45

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/23/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 04/13/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/21/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Varies

UIC GEO: UIC GEO (GEOTRACKER)
Underground control injection sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

PROD WATER PONDS: PROD WATER PONDS (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

PROJECT: PROJECT (GEOTRACKER)
Projects sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

NON-CASE INFO: NON-CASE INFO (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

OTHER OIL GAS: OTHER OIL & GAS (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

SAMPLING POINT: SAMPLING POINT (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

WELL STIM PROJ: WELL SAMP PROJ (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CIWQS: The California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 60

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 65

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 70

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/09/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 36

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/26/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 02/26/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 14

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/30/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 44

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 39

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/30/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 9

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/06/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/30/2018
Number of Days to Update: 53

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 50

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 54

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/09/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 60

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/16/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 40

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 03/30/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 28

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/12/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 27

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 18

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 30

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 45

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/05/2018
Date Data Arrived at EDR: 02/13/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 49

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/05/2018
Date Data Arrived at EDR: 02/13/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 35

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2018
Date Data Arrived at EDR: 02/07/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 49

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/19/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 46

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 50

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 71

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/17/2017
Number of Days to Update: 14

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 40

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/23/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 11

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/20/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 43

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/20/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/04/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 42

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 16

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 20

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/22/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/09/2018
Number of Days to Update: 33

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/22/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 35

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 01/08/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/30/2018
Number of Days to Update: 29

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List
Cupa facilities

Date of Government Version: 01/26/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 47

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List
Cupa program facilities

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/17/2018
Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/16/2018
Number of Days to Update: 50

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/26/2017
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 48

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/26/2017
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 54

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/28/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/30/2018
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 31

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018
Date Data Arrived at EDR: 05/15/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 31

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/12/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

14800 WEST SCHULTE ROAD
14800 WEST SCHULTE ROAD
TRACY, CA 95377

TARGET PROPERTY COORDINATES

Latitude (North):	37.719868 - 37˚ 43’ 11.52’’
Longitude (West):	121.490479 - 121˚ 29’ 25.72’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	633041.7
UTM Y (Meters):	4175602.0
Elevation:	127 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640426 TRACY, CA
Version Date:	2012
Southwest Map:	5640068 MIDWAY, CA
Version Date:	2012

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

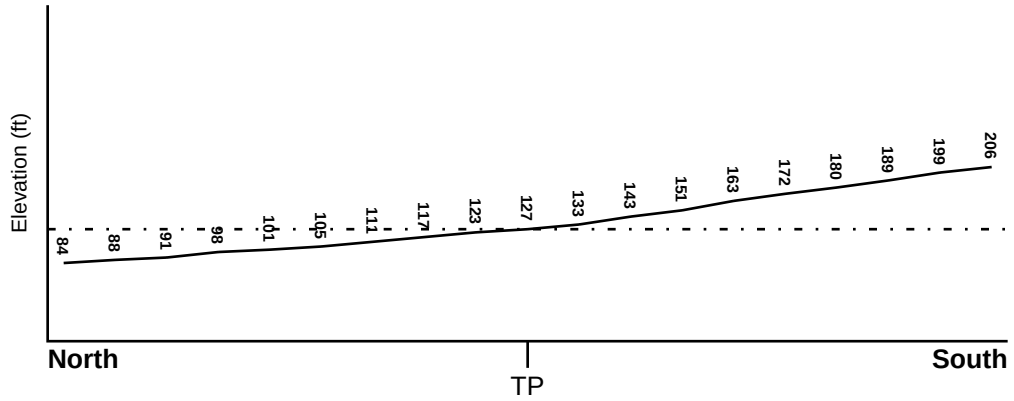
TOPOGRAPHIC INFORMATION

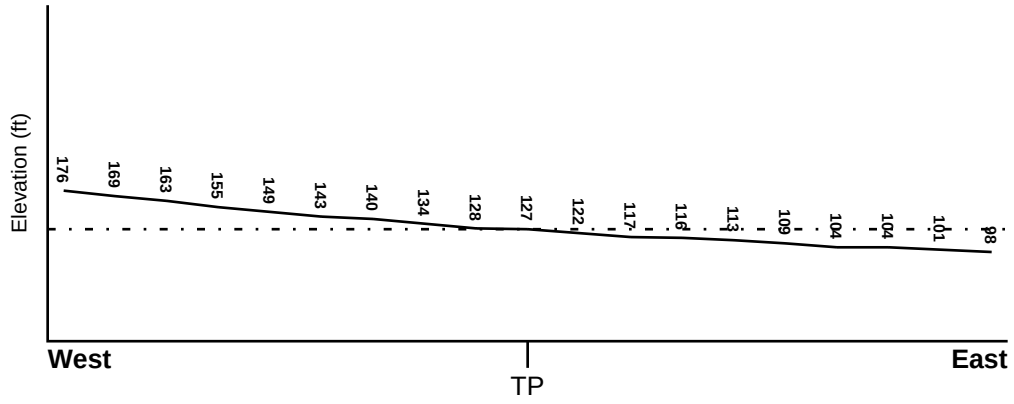
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 127 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
0602990705A	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
06001C0400G	FEMA FIRM Flood data
06077C0725F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TRACY	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

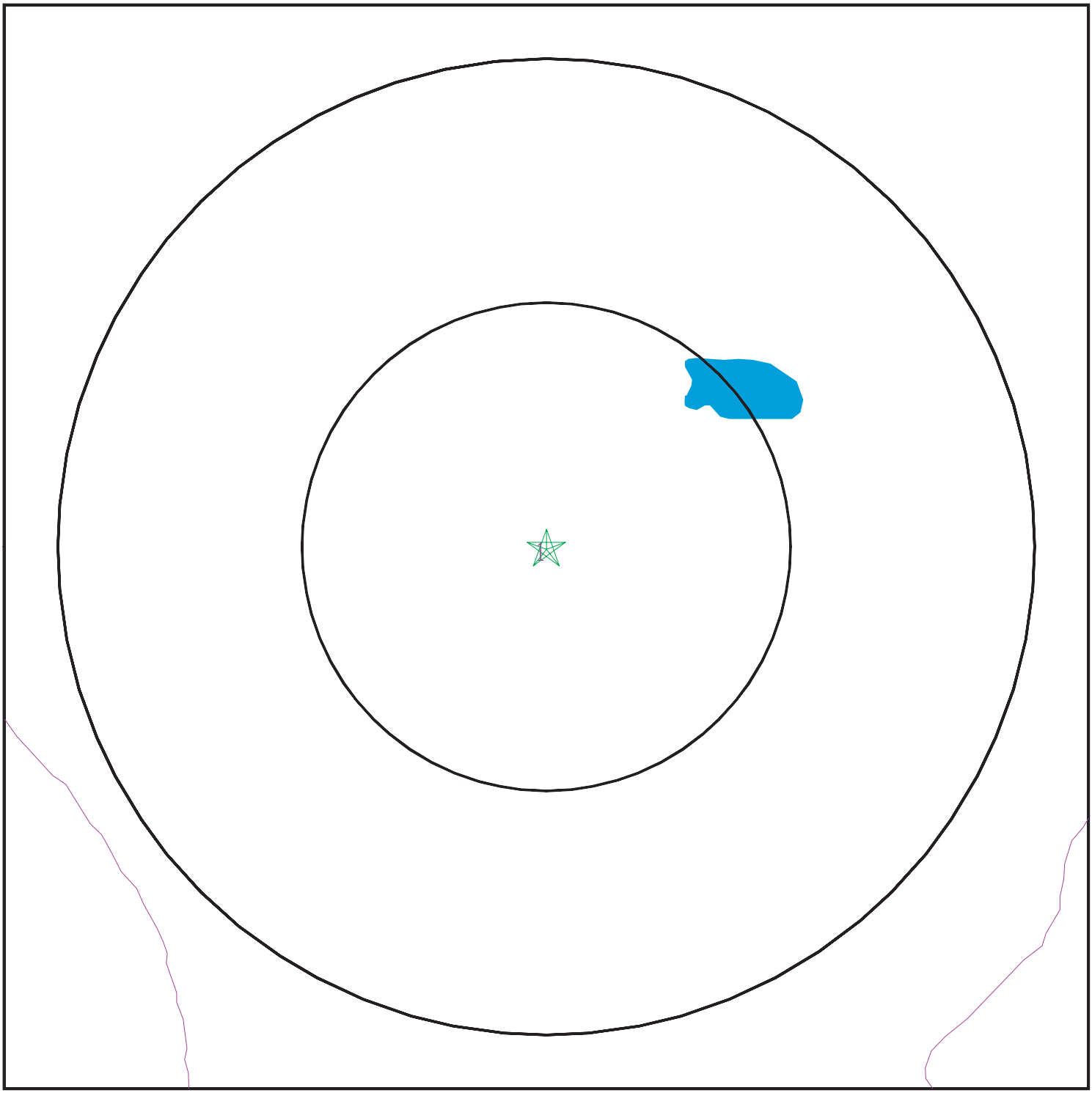
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5338184.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: 14800 West Schulte Road ADDRESS: 14800 West Schulte Road Tracy CA 95377 LAT/LONG: 37.719868 / 121.490479	CLIENT: Partner Engineering and Science, Inc. CONTACT: Colleen Tubridy INQUIRY #: 5338184.2s DATE: June 20, 2018 11:38 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Capay

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	20 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000185132	1/4 - 1/2 Mile WSW
2	USGS40000185106	1/2 - 1 Mile SSE
4	USGS40000185119	1/2 - 1 Mile ESE
A5	USGS40000185068	1/2 - 1 Mile South
B8	USGS40000185187	1/2 - 1 Mile NE
9	USGS40000185087	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

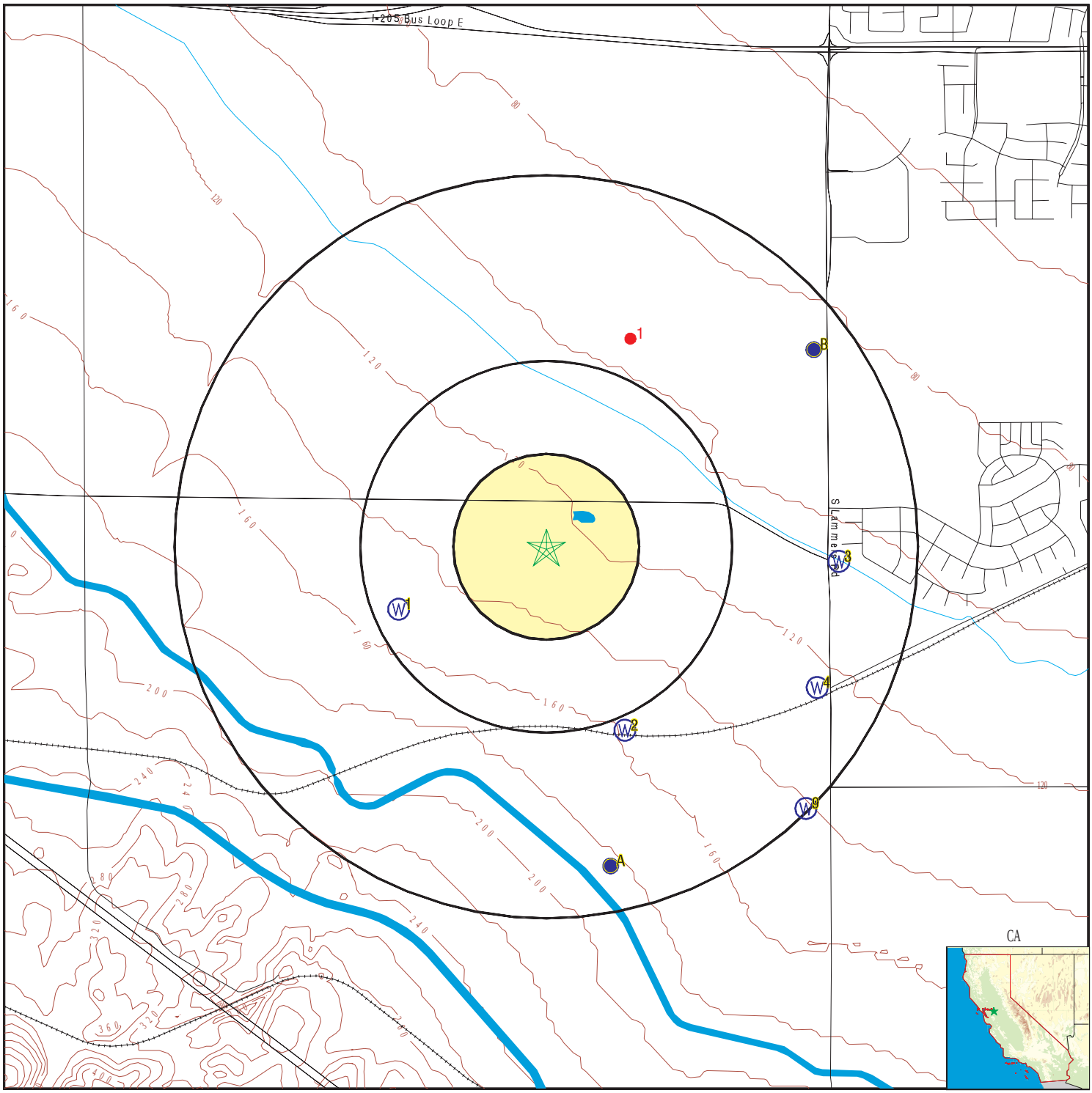
MAP ID	WELL ID	LOCATION FROM TP
3	CADW60000032441	1/2 - 1 Mile East
A6	CADW60000017076	1/2 - 1 Mile SSE
B7	CADW60000017067	1/2 - 1 Mile NE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG11000236150	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 5338184.2s



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
Oil, gas or related wells

SITE NAME: 14800 West Schulte Road	CLIENT: Partner Engineering and Science, Inc.
ADDRESS: 14800 West Schulte Road Tracy CA 95377	CONTACT: Colleen Tubridy INQUIRY #: 5338184.2s
LAT/LONG: 37.719868 / 121.490479	DATE: June 20, 2018 11:38 am

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **WSW** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000185132**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374303121294801		
Monloc name:	002S004E35H001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7174297
Longitude:	-121.4977238	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	150.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Tulare Formation		
Aquifer type:	Not Reported		
Construction date:	19610101	Welldepth:	514
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-05-01	186.00	

---

2 **SSE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000185106**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374246121290801		
Monloc name:	002S004E36L001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7127075
Longitude:	-121.4866124	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	154.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19610101	Welldepth:	600
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-05-01	180.00	

3
East **CA WELLS** **CADW60000032441**
1/2 - 1 Mile
Lower

Objectid:	32441
Latitude:	37.7193
Longitude:	-121.4761
Site code:	377193N1214761W001
State well numbe:	02S05E31E001M
Local well name:	’’
Well use id:	6
Well use descrip:	Unknown
County id:	39
County name:	San Joaquin
Basin code:	’5-22.15’
Basin desc:	Tracy
Dwr region id:	80236
Dwr region:	North Central Region Office
Site id:	CADW60000032441

4
ESE **FED USGS** **USGS40000185119**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374252121283401		
Monloc name:	002S004E36H001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7143741
Longitude:	-121.4771678	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	120.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19450101	Welldepth:	207
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-04-01	121.00	

A5
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000185068**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374227121291201		
Monloc name:	002S004E36P001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7074298
Longitude:	-121.4877234	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	180.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Alluvium of the Coast Range, Younger (Pleistocene-Holocene)		
Aquifer type:	Not Reported		
Construction date:	19510101	Welldepth:	695
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-02-01	211.00	

A6
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADW60000017076**

Objectid:	17076
Latitude:	37.7074
Longitude:	-121.4869
Site code:	377074N1214869W001
State well numbe:	02S04E36P001M
Local well name:	”
Well use id:	6
Well use descrip:	Unknown
County id:	39
County name:	San Joaquin

Basin code:	'5-22.15'
Basin desc:	Tracy
Dwr region id:	80236
Dwr region:	North Central Region Office
Site id:	CADW60000017076

B7
NE
1/2 - 1 Mile
Lower

CA WELLS **CADW60000017067**

Objectid:	17067
Latitude:	37.7277
Longitude:	-121.4775
Site code:	377277N1214775W001
State well numbe:	02S04E25J001M
Local well name:	''
Well use id:	6
Well use descrip:	Unknown
County id:	39
County name:	San Joaquin
Basin code:	'5-22.15'
Basin desc:	Tracy
Dwr region id:	80236
Dwr region:	North Central Region Office
Site id:	CADW60000017067

B8
NE
1/2 - 1 Mile
Lower

FED USGS **USGS40000185187**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374339121283401		
Monloc name:	002S004E25J001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7274295
Longitude:	-121.477168	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	80.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Alluvium of the Coast Range, Younger (Pleistocene-Holocene)		
Aquifer type:	Not Reported		
Construction date:	19520101	Welldepth:	180
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
9 **SE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000185087**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374235121283601		
Monloc name:	002S004E36R004M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18040003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.709652
Longitude:	-121.4777233	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	139.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Alluvium of the Coast Range, Younger (Pleistocene-Holocene)		
Aquifer type:	Not Reported		
Construction date:	19731012	Welldepth:	289
Welldepth units:	ft	Wellholedepth:	301
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1973-10-12	175.00	

Map ID Direction Distance	Database	EDR ID Number
1 **NNE** **1/2 - 1 Mile**	**OIL_GAS**	**CAOG11000236150**

District nun:	6	Api number:	07720016
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	The Termo Company		
County name:	San Joaquin	Fieldname:	Any Field
Area name:	Any Area	Section:	25
Township:	02S	Range:	04E
Base meridian:	MD	Elevation:	Not Reported
Gissourcec:	hud		
Comments:	Status Code 006		
Leasename:	Lourenco	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	29-AUG-67
Welldeptha:	6607		
Redrillfoo:	0		
Abandonedd:	11-SEP-67	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000236150		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95377	4	0

Federal EPA Radon Zone for SAN JOAQUIN County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN JOAQUIN COUNTY, CA

Number of sites tested: 20

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.530 pCi/L	90%	10%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.050 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX D: QUALIFICATIONS

PARTNER

Heather Hodgetts
Senior Scientist

Education
B.A. in Earth Sciences, University of Southern California

Training
40-Hour OSHA-approved Health & Safety Training
8-hour OSHA HAZWOPER Annual Refresher

Highlights
20 years in the environmental consulting industry
Phase I Environmental Site Assessments
Phase II and III Subsurface Investigations

Experience Summary
As a Senior Scientist for due diligence services within the Investment Advisory Group, Ms. Hodgetts focuses on providing solutions to clients' due diligence and engineering needs and sharing years of expertise with staff and clients. Previously, Ms. Hodgetts was a Senior Environmental Scientist for a Fortune 500 company and was responsible for managing due diligence projects throughout the United States.

Ms. Hodgetts has performed hundreds of Phase I Environmental Site Assessments, Third Party Reviews, Due Diligence Audits, and Record Search, Phase II Subsurface Investigations, Underground Storage Tank Investigations, Remedial Investigations, Limited asbestos surveys, Lead-based paint surveys, Radon Studies, and Lead-in-water sampling and analysis.

Ms. Hodgetts has worked with various clients including: individual investors, institutional investors, private and institutional equity companies, insurance companies, attorneys, brokers, developers, and multiple lenders.

Project Experience
Phase I Environmental Site assessments
Ms. Hodgetts has performed Phase I Environmental Site Assessments of commercial, residential, and industrial properties including schools, shopping centers, industrial parks, manufacturing facilities, drycleaners and gasoline stations.

Subsurface Investigations
Conducted soil and groundwater assessments at County of San Diego Department of Public Works Road Stations throughout San Diego County. Activities included field oversight of groundwater monitoring well installation using mud-rotary, air-rotary, and hollow-stem augers; soil and groundwater sampling; receptor surveys; and installed monitoring wells and soil borings.

Environmental Regulatory Compliance
Assisted in environmental regulatory compliance audit and ownership transfer activities. The audit included coordinating with local agencies to transfer environmental permits for air, wastewater, hazardous waste, and medical waste.

Storage Tank Programs
Completed UST Closure Reports, Limited Site Assessments, Soil Assessment Reports, Soil Closure Reports, and Corrective Action Plans for submittal to regulatory agencies for UST sites owned by various industrial and government entities.

School District Investigations
Worked in-house for San Diego Unified School District (SDUSD) for 15 months completing the environmental due diligence for Proposition MM, a bond measure passed by voters to fund modernization of 165 existing school and construction of 16 new/rebuilt schools. Activities included: conducting Phase I ESAs for proposed school sites, including information relevant to the California Department of Education (CDE) School Site Selection and Approval Guide; submitting Phase I ESAs for EPA Department of Toxic Substances Control review; preparing Public Participations Plans and assisting with public meeting presentations; and submitting site packages to CDE for site approval. In addition to SDUSD, Ms. Hodgetts has also worked on Los Angeles Unified School District, Coronado Unified School District, and Lake Elsinore Unified School District sites.

Subsurface Investigations
Conducted soil and groundwater assessments at County of San Diego Department of Public Works Road Stations throughout San Diego County. Activities included field oversight of groundwater monitoring well installation using mud-rotary, air-rotary, and hollow-stem augers; soil and groundwater sampling; receptor surveys; and installed monitoring wells and soil borings.

Environmental Regulatory Compliance
Assisted in environmental regulatory compliance audit and ownership transfer activities. The audit included coordinating with local agencies to transfer environmental permits for air, wastewater, hazardous waste, and medical waste.

Cellular Telephone Investigations
Performed environmental assessments for cellular telephone antenna installations for a major cellular operator. Tasks included: inspections of numerous buildings, installations, additions, collocations, and vacant land; and asbestos and lead sampling at these facilities throughout southern California.

Contact

hhodgettsl@partneresi.com

Debbie Stott, P.G.
Nevada CEM
Technical Director

Education
BA Geology, The Ohio State University

Registrations
California Professional Geologist No. 6221
Nevada Certified Environmental Manager No. 2359

Training
OSHA, Hazardous Waste Operator (HAZWOPER) 40 hour Certification
AHERA Certified Asbestos Inspector
Certified Project Manager

Highlights
Over 25 years of experience in the environmental service industry with a focus on due diligence assessments
Knowledgeable with ASTM, EPA's All Appropriate Inquiry (AAI), and customized client formats.
100+ Phase I Environmental Site Assessments

Experience Summary
As Technical Director for due diligence services as part of the Investment Advisory Group, Ms. Stott focuses on report quality, client service, and sharing her years of expertise with staff and clients.

Ms. Stott has performed hundreds of Phase I Environmental Site Assessments, Third Party Reviews, Due Diligence Audits, Record Search and Risk Assessments, Phase II and III Subsurface Investigations, Underground storage tank investigations, Remedial Investigations, Radon Studies, Mold Assessments, Methane Surveys, Indoor Air Quality Assessments, and Lead-in-water sampling and analysis.

Clients have varied and have included: individual investors, City of Los Angeles Agencies, Los Angeles County, City of Anaheim, institutional investors, private and institutional equity companies, insurance companies, attorneys, brokers, developers, and multiple lenders.

Project Experience
Ms. Stott has conducted, managed and directed thousands of ESAs throughout her career and has been Senior Project Manager for hundreds of site investigations, characterization studies and remediation projects throughout California and the US. The following select projects summarize her experience and due diligence background:

Transaction Due Diligence
Project Manager, Western US and Southern California, LBA Realty. For over 16 years performed due diligence services related to real estate transfers as well as asset refinances for LBA Realty. The relationship requires close coordination and communication with property managers and representatives to provide a smooth process with client and lenders. Services have also included review of third party reports, asbestos surveys, subsurface investigations, and development of soil management plans. Many projects involved multiple locations in several states thus requiring coordination with other offices and client contacts.

Environmental Lead, West Coast, Barings, LLC (Barings). Ms. Stott assists with management and review of environmental due diligence and environmental actions associated with acquisitions, property development, joint venture developments, property divestments and finance group loan transactions. Environmental due diligence includes Phase I ESAs, Phase II ESAs, indoor air quality assessments, mold assessment and mitigation planning, providing third party review, asbestos investigations, asbestos abatement, operation and maintenance plan development, remedial action development and implementation, regulatory correspondence and permitting.

Phase I ESAs – multiple clients throughout US.. Ms. Stott manages and oversees preparation of Phase I Environmental Site Assessments for several confidential clients. All are completed to ASTM guidelines with various special criteria specific to each client.

Subsurface Investigations/Vapor Intrusion

Project Manager, Whittier, CA, Confidential Client. Conducted several investigations to evaluate the potential for vapor intrusion associated with contaminated groundwater into client buildings. At one location a horizontal well system was installed to passively vent vapors. Site investigations involved the installation of multiple, multi-depth vapor probes through the property to map the plume and to assist in decision making for potential further investigation. Data collected from both soil vapor and indoor air monitoring was subjected to risk assessment in order to determine if indoor air quality had been negatively impacted and engineering controls needed to protect workers. Client was able to purchase and redevelop portions of the desired parcels for use as parking.

Project Manager and Environmental Lead, Berkeley, CA, LBA Realty. Evaluation of potential risks associated with the presence of trichloroethylene (TCE) and breakdown products cis 1,2- dichloroethene (cis 1,2-DCE) and vinyl chloride (VC), and methyl tert butyl ether (MTBE) in groundwater and ambient air at an existing building in Berkeley, CA. Worked with outside counsel to evaluate, summarize, and present the risks and potential risks of continued investment in the property. Remedial systems were installed under DTSC oversight, risk assessment performed and the building remodeled and reused for office space.

Municipal/State Contracts

Project Manager, ESAs for City of Anaheim widening of Lincoln Avenue. As a subcontractor to the geotechnical consultant, Partner provided Environmental Site Assessments for multiple properties along the project alignment. The parcel uses ranged from car wash, to older office and motel properties, automotive repair, banks, public school, and a church. Partner finished the multi-site project on time and within budget.

Contact

Dstott@partneresi.com