APPENDIX G
Phase I ISA

PHASE I
INITIAL SITE ASSESSMENT

MESSICK BRIDGE REPLACEMENT PROJECT

County of San Joaquin
State of California

Prepared in General Accordance with:
ASTM E 1527-21 Standard Practice for Environmental Site Assessments

For:

County of San Joaquin
Department of Public Works
Bridge Engineering Division
1810 East Hazelton Avenue
Stockton, California 95205

By:

Michael Baker
INTERNATIONAL

5 Hutton Centre Drive, Suite 500
Santa Ana, California 92707

August 1, 2022

JN 185102

Michael Baker
INTERNATIONAL

We Make a Difference

August 1, 2022 185102

Brian Newburg, E.I.T.
County of San Joaquin
Department of Public Works
Bridge Engineering Division
1810 East Hazelton Avenue
Stockton, California 95205

SUBJECT: Phase I Initial Site Assessment for the Messick Bridge Replacement Project, Community of Linden, Unincorporated County of San Joaquin, California

Dear Mr. Newburg,

Michael Baker International (Michael Baker) is pleased to submit this Phase I Initial Site Assessment (ISA) for the above referenced project, herein referenced as the "subject site." The goal of this Phase I ISA is to identify recognized environmental conditions (RECs) associated with the subject site. This Phase I ISA has been prepared for the sole use of the **County of San Joaquin and the California Department of Transportation (Caltrans),** for the above-referenced subject site. Neither this Phase I ISA, nor any of the information contained herein, shall be used or relied upon for any purpose by any person or entity other than the **County of San Joaquin and Caltrans.**

The Phase I ISA was prepared using methods consistent with the ASTM International (ASTM) E 1527-21 Standard Practice for Environmental Site Assessments, the scope of services, and inherent limitations presented in our proposal. The Phase I ISA is not intended to present specific quantitative information as to the actual presence of hazardous substances on or adjacent to the subject site, but is to identify RECs based on available information.

Should you or your staff have any questions or concerns after reviewing the enclosed report, please do not hesitate to contact me at 949/855-5747.

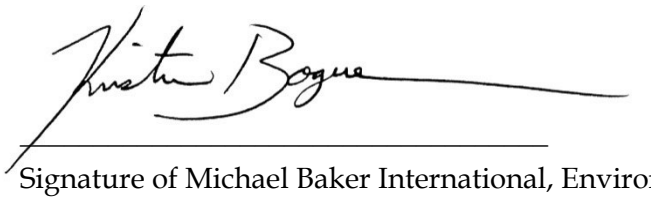
Sincerely,

Kristen Bogue
Planning/Environmental Services

5 Hutton Centre Drive, Suite 500 | Santa Ana, CA 92707
Office: 949.472.3505 | Fax: 949.837.4122

STATEMENT OF ENVIRONMENTAL PROFESSIONAL

I [We] declare that, to the best of my [our] professional knowledge and belief, I[we] meet the definition of Environmental Professional as defined in §312.10 of Title 40, Code of Federal Regulations (CFR) 312 and I[we] 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[we] have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Signature of Michael Baker International, Environmental Professional
Kristen Bogue

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LIST OF ACRONYMS

AAI	All Appropriate Inquiries
ACM	asbestos-containing materials
APN	Assessor's Parcel Number
AST	Aboveground Storage Tank
AULs	activity and use limitations
CalGEM	California Department of Conservation, Geologic Energy Management Division (formerly DOGGR)
Caltrans	California Department of Transportation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
DTSC	Department of Toxic Substances Control
EDR	Environmental Data Resources
EC	engineering control
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right to Know Act (also known as SARA Title III), 42 U.S.C. §§ 11001-11050 et seq.)
ERNS	emergency response notification system
ESA	environmental site assessment
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FR	Federal Register
HREC	historical recognized environmental condition
IC	Institutional Control
LBP	lead-based paints
LLP	Landowner Liability Protection under the Brownfields Amendments
LUFT	Leaking Underground Fuel Tank
LUST	Leaking Underground Storage Tank
MDBM	Mount Diablo Base and Meridian
MSDS	Material Safety Data Sheet
msl	mean sea level
NCP	National Contingency Plan

NFRAP	sites where no further remedial action is planned under CERCLA
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
PCBs	polychlorinated biphenyls
pCi/L	Picocuries per liter
REC	recognized environmental condition
RCRA	Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 et seq.)
RWQCB	Regional Water Quality Control Board
SCS	Soil Conservation Service
SEMS	Standardized Emergency Management System
TPH	total petroleum hydrocarbons
TRI	Toxics Release Inventory
USC	United States Code
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank

EXECUTIVE SUMMARY

The Messick Bridge Replacement Project (herein referenced as the "subject site") is located within the community of Linden, unincorporated County of San Joaquin, State of California. The subject site is located in the vicinity of East Fremont Street (Highway 26) and Waterloo Road (Highway 88) in the central portion of the San Joaquin County (County), north of the City of Linden. Locally, the subject site is located north of Comstock Road, half a mile east of Duncan Road and half a mile west of Clements Road at Latitude 38˚03'08.2"North and Longitude 121˚05'14.9" West. The subject site is surrounded by farmland and single-family residences.

This Phase I ISA was conducted in accordance with the ASTM International (ASTM) E 1527-21 Standard Practice for Environmental Site Assessments (Standard Practice) and satisfies the requirements of 40 Code of Federal Regulations (CFR) Part 312 titled *Standards and Practices for All Appropriate Inquiries*, as required under Section 101(35)(B)(ii) and (iii) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The purpose of conducting this Phase I ISA is to identify Recognized Environmental Conditions (RECs).

FINDINGS AND OPINIONS

Michael Baker International's (Michael Baker's) findings and opinions are based upon a review of reasonably ascertainable referenced material available during the preparation of this Phase I ISA, which included a review of historical aerial photographs, historical topographic maps, regulatory databases, and other documentation, as well as interviews and site reconnaissance. Table E-1, *Phase I ISA Findings, Opinions, and Conclusions*, summarizes Michael Baker's findings, opinions, and conclusions made during the preparation of this Phase I ISA.

Table E-1
Phase I ISA Findings, Opinions, and Conclusions

Finding	Opinion	Conclusion[1]
Current On-Site Uses		
Traffic Striping Material (Lead-Based Paints)	Lead-based paints (LBPs) were commonly used in traffic striping materials before the discontinued use of lead chromate pigment in traffic striping/marking materials and hot-melt thermoplastic stripe materials (discontinued in 1997 and 2006, respectively). Based on information reviewed as part of this Phase I ISA, roadway re-striping on Messick Road was last conducted in June 2021. Thus, it is the opinion of Michael Baker that, based on the age of traffic striping material (less than one year), the presence of LBPs in traffic striping materials is unlikely and no REC has resulted in this regard.	No REC

Finding	Opinion	Conclusion[1]
Bridge Structures (Lead-Based Paints)	In 1978, the federal government banned consumer uses of lead-based paint. Lead paint is still present building materials, sometimes under layers of newer paint. The mere presence of lead in paint may not constitute a material to be considered hazardous. In fact, if in good condition (no flaking or pealing), most intact LBP is not considered to be a hazardous material. In poor condition LBPs can create a potential health hazard for building occupants, especially children. Given the nature of the bridge structure, it is Michael Baker's opinion that LBPs are not associated with the existing bridge, and the on-site bridge structure has not resulted in a REC on the subject site as a result of LBPs.	No REC
Bridge Structures (Asbestos-Containing Materials)	Asbestos is a strong, incombustible, and corrosion resistant material, which was used in many commercial products since prior to the 1940s and up until the early 1970s. If inhaled, asbestos fibers can result in serious health problems. Asbestos containing-materials (ACMs) are building materials containing more than one percent (1%) asbestos (some state and regional regulators impose a one-tenth of one percent (0.1%) threshold). Due to the type of bridge structure and the age (1931), it is unlikely that ACMs are associated with the existing on-site bridge structure. It is the opinion of Michael Baker that no REC has resulted in this regard.	No REC
Treated Wood Waste	Treated wood waste comes from old wood that has been treated with chemical preservatives. These chemicals help protect the wood from insect attack and fungal decay while it's being used. Fence posts, sill plates, landscape timbers, pilings, guardrails, and decking, to name a few, are all examples of chemically treated wood. Treated wood waste contains hazardous chemicals that pose a risk to human health and the environment. Arsenic, chromium, copper, creosote, and pentachlorophenol are among the chemicals used to preserve wood and are known to be toxic or carcinogenic. Harmful exposure to these chemicals may result from touching, inhaling, or ingesting treated wood waste particulate (e.g., sawdust and smoke). No visible evidence to suggest the release of treated wood waste was noted during the course of this Phase I ISA. As such, it is the opinion of Michael Baker that no REC has resulted in this regard. However, this issue is of environmental concern, as the project would require the removal/disposal of potential treated wood associated with the on-site bridge structure. The removal and disposal of treated wood waste will be required to comply with Caltrans Standard Specifications Section 14-11.14 pertaining to the disposal of treated wood waste.	No REC
Past On-Site Uses		
Historical Bridge Structure	Based upon evaluation of the documented land use as demonstrated in the reviewed resources, the series of historical aerial photographs and maps, and the site inspection, the subject site appears to be a bridge structure over Mosher Creek since 1894. However, this bridge was replaced with the existing on-site bridge in 1931. Thus, it is the opinion of Michael Baker that a REC has not resulted due to the former on-site bridge structure.	No REC
Aerially Deposited Lead	Until the mid-1980s, gasoline and other fuels contained lead, a toxic metal. As each car or truck traveled highways and roads, tiny particles of lead were released in the exhaust and settled on the soils next to the road. Most of the time, lead tends not to move very far or fast in the environment.	No REC

Finding	Opinion	Conclusion[1]
	Caltrans has sampled sediment adjacent to traffic lanes in major metropolitan areas and determined that lead from leaded gasoline emissions is present. Elevated lead levels have been found to be highest at the surface (zero to six inches) and decreases with depth. Levels are highest immediately adjacent to the traveled way and decreases with distance from the road. Total lead levels on average are not greater than the Total Threshold Limit Concentration (TTLC) but would often exceed the Soluble Threshold Limit Concentration (STLC) found in Title 22, California Code of Regulations (CCR). The construction process of excavation, stockpiling, transporting, and disposing of material (i.e., soils), which exceeds the STLC for lead, makes the material a hazardous waste. If the material exceeds the Threshold Concentration Leaching Potential (TCLP) test limits for lead, it is considered a Federal hazardous waste. However, tests conducted by Caltrans has concluded that materials excavated adjacent to freeways rarely exceed the TCLP threshold. It is the opinion of Michael Baker that Messick Road is associated with a relatively low number of vehicles (as the surrounding area is rural) and has unlikely resulted in elevated levels of aerially deposited lead within roadway right-of-way. It is Michael Baker's opinion that on-site soils (pertaining to aerially deposited lead) are likely considered non-hazardous for reuse on-site. It is the opinion of Michael Baker that no REC has resulted in this regard.	
Current Adjoining Properties		
Current Residential Uses	Current adjoining residential use to the north of the subject site was noted during the February 16, 2022, site visit. Residential uses are not typically associated with the handling/storage or transport of hazardous materials. Therefore, it is the opinion of Michael Baker that the current adjoining residential uses have not resulted in a REC at the time of this Phase I ISA.	No REC
Current Agricultural Uses	Current adjoining agricultural use to the north, east, south, and west of the subject site was noted during the February 16, 2022, site visit. Therefore, it is likely that pesticides/herbicides are currently used. However, pesticides/herbicides used as a result of these adjoining current agricultural uses are located off-site and are not anticipated to have impacted on-site surface soils. Thus, it is the opinion of Michael Baker that the presence of herbicide/pesticide contamination in on-site surface soils as a result of the adjoining agricultural uses is unlikely and no REC has resulted in this regard.	No REC
Past Adjoining Uses		
Past Agricultural Uses	Based on the evaluation of the documented land use (as demonstrated in the resources reviewed as part of this Phase I ISA), adjoining uses surrounding the subject site appear to have been historically utilized for agricultural purposes circa 1937. As adjoining uses were historically used for agriculture, it is likely that pesticides/herbicides were historically used. However, historical pesticides/herbicides as a result of these adjoining historical agricultural uses are located off-site and are not anticipated to have impacted on-site surface soils. Thus, it is the opinion of Michael Baker that the presence of residual herbicide/pesticide contamination in on-site surface soils as a result of the past adjoining agricultural uses is unlikely and no REC has resulted in this regard.	No REC
Adjacent Uses		

Finding	Opinion	Conclusion[1]
Current and Past Adjacent Uses	Current and past adjacent uses consist of agricultural, fallow agricultural, transportation, and residential uses. No adjacent property was listed in the EDR database report. Thus, it is the opinion of Michael Baker that no REC has resulted from adjacent properties.	No REC
Regulatory Properties		
On-Site Regulatory Properties	The lists that were reviewed reported no regulatory property within the boundaries of the subject site. No known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on the subject site. The subject site has not been under investigation for violation of any environmental laws, regulations, or standards, as identified in the databases reported by EDR. As such, no REC has resulted in this regard.	No REC
Off-Site Regulatory Properties	The lists that were reviewed in accordance with ASTM E 1527-21 Standard Practice reported no regulatory sites located within a one-mile radius of the subject site. No known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on adjoining or adjacent properties. Off-site properties searched have not been under investigation for violation of any environmental laws, regulations, or standards, as identified in the databases reported by EDR. As such, no REC has resulted in this regard.	No REC

Notes:

1. The following definitions apply to the Conclusions column identified above.

REC – 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.

CREC – A recognized environmental condition (REC) 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).

De minimis – 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 conditions are not RECs nor controlled recognized environmental conditions (CRECs).

HREC – 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 (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical environmental condition (HREC), the environmental professional must determine whether the past release is a REC at the time the Phase I ISA Update is conducted (for example, if the Environmental Professional considers the past release to be a REC at the time the Phase I ISA Update is conducted, the condition shall be included in the conclusions section of the report as a REC.

CONCLUSIONS

Michael Baker International (Michael Baker) has performed a Phase I ISA in conformance with the scope and limitations of ASTM International (ASTM) E 1527-21 Standard Practice of the Messick Bridge Replacement Project, Community of Linden, Unincorporated County of San Joaquin, California, the subject site. Any exceptions to, or deletions from, this practice are described in Section 1.0, *Introduction*, of this Phase I ISA. This Phase I ISA has revealed no evidence of Recognized Environmental Conditions (RECs) in connection with the subject site.

However, it should be noted that the following environmental concern has been identified, and implementation of the recommendations outlined below as well as Federal, State, and local laws and regulations, including Caltrans Standard Specifications and Special Provisions during construction, these issues would no longer be of concern.

- Treated Wood Waste (associated with the bridge structure).

Based on the documentation review and site visit conducted as part of this Phase I ISA, it is the opinion of Michael Baker that with implementation of the recommendation outlined below as well as Federal, State, and local laws and regulations, including Caltrans Standard Specifications and Special Provisions during construction, no further Preliminary Site Investigation is necessary at this time.

RECOMMENDATIONS

The following recommendation is based on the findings, opinions, and conclusions noted during the course of this Phase I ISA. It is the opinion of Michael Baker that the following recommendation be implemented:

- Treated Wood Waste. Although Michael Baker has determined that potential on-site treated wood waste (associated with the on-site bridge structure) has not resulted in a REC on the subject site, the removal and disposal of treated wood waste will be required to comply with Caltrans Standard Specifications Section 14-11.14 pertaining to the disposal of treated wood waste during construction.

SECTION 1.0
INTRODUCTION

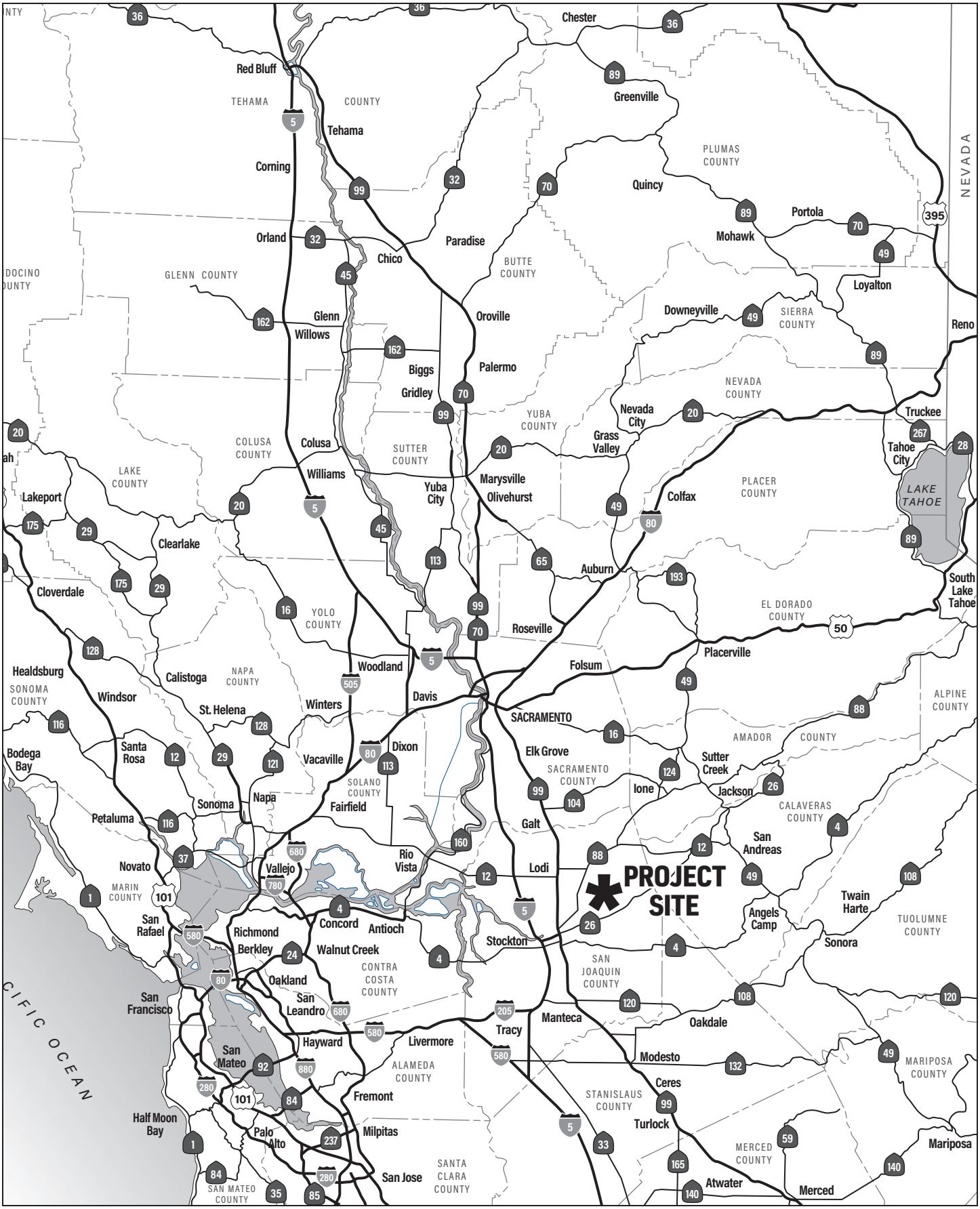
The Messick Bridge Replacement Project (herein referenced as the "subject site") is located within the community of Linden, unincorporated County of San Joaquin, State of California; refer to Exhibit 1, *Regional Vicinity*, and Exhibit 2, *Site Vicinity*. The subject site is located in the vicinity of East Fremont Street (Highway 26) and Waterloo Road (Highway 88) in the central portion of the San Joaquin County (County), north of the City of Linden. Locally, the subject site is located north of Comstock Road, half a mile east of Duncan Road and half a mile west of Clements Road at Latitude 38˚03'08.2"North and Longitude 121˚05'14.9" West. The subject site is surrounded by farmland and single-family residences; refer to Exhibit 3, *Subject Site*.

This Phase I ISA was conducted in accordance with the ASTM International (ASTM) E 1527-21 Standard Practice for Environmental Site Assessments (Standard Practice) and satisfies the requirements of 40 Code of Federal Regulations (CFR) Part 312 titled *Standards and Practices for All Appropriate Inquiries*, as required under Section 101(35)(B)(ii) and (iii) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The purpose of conducting this Phase I ISA is to identify Recognized Environmental Conditions (RECs).

1.1 PROJECT DESCRIPTION

The County of San Joaquin (County), in cooperation with the California Department of Transportation (Caltrans) District 10, proposes to replace the existing Messick Road Bridge, that crosses Mosher Creek within the community of Linden, unincorporated areas of the County, with a new bridge structure. The Messick Road Bridge carries one 10-foot lane of traffic in each east-west direction and has no shoulders. The existing bridge was constructed in 1931 and consists of timber decking with asphalt concrete (AC) overlay supported on concrete columns. The proposed replacement bridge would maintain the existing lane configuration (approximately 55 feet and 4 inches long and 29 feet and 6 inches wide), but would incorporate three-foot shoulders within County right-of-way; refer to Exhibit 4, *Conceptual Site Plan*. It is not anticipated that permanent acquisition of private land will be required as part of the proposed project.

The project area includes the existing Messick Road Bridge. It is anticipated that all improvements would occur within County right-of-way and no temporary construction easements are anticipated at this time. The project would require minimal grading and roadway reconstruction to tie into the proposed bridge and accommodate the widened shoulders on the structures.



MESSICK BRIDGE REPLACEMENT PROJECT
PHASE I INITIAL SITE ASSESSMENT

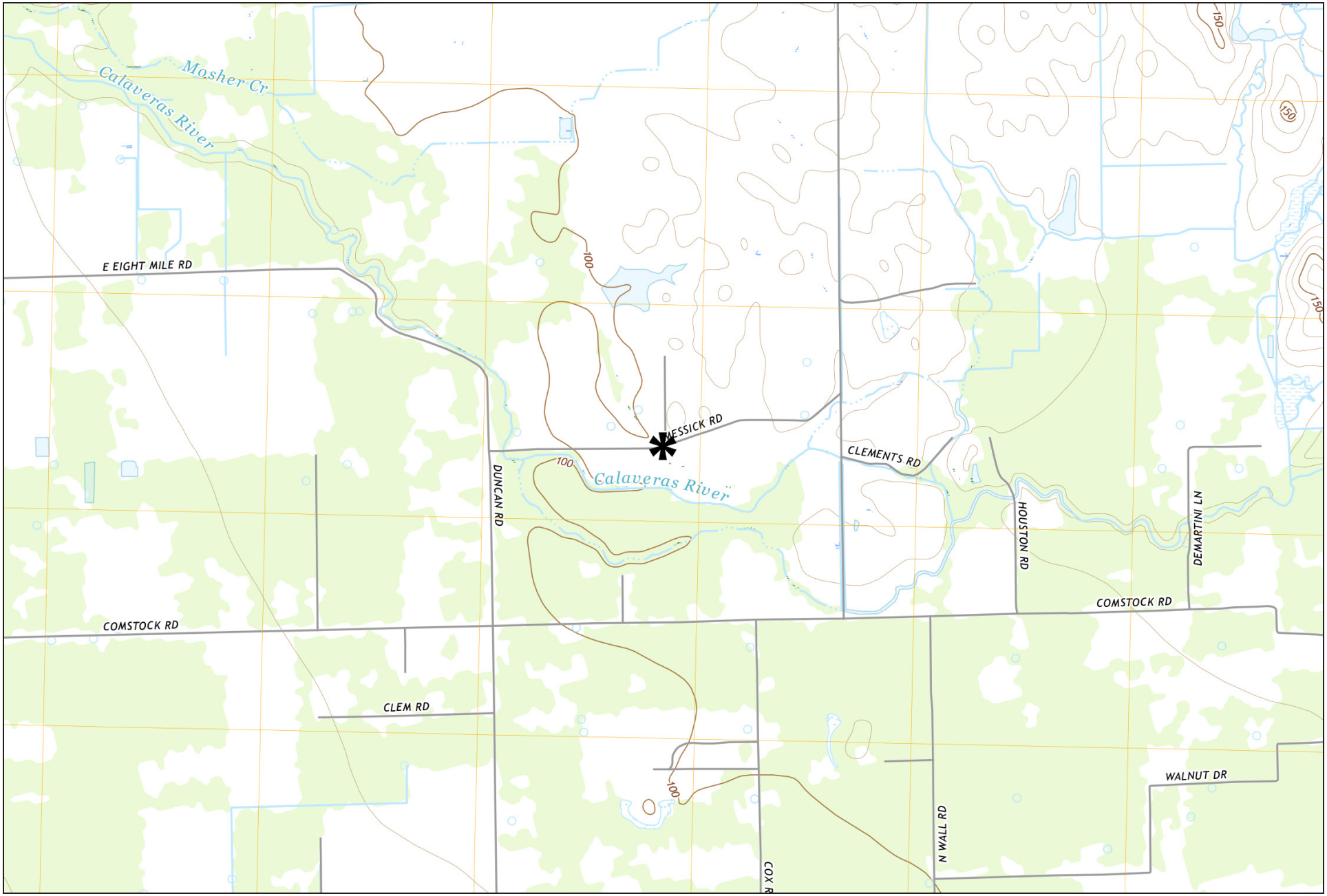
Regional Vicinity

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NOT TO SCALE

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Exhibit 1



Source: USGS Linden Quadrangle, California, San Joaquin Valley, 2022

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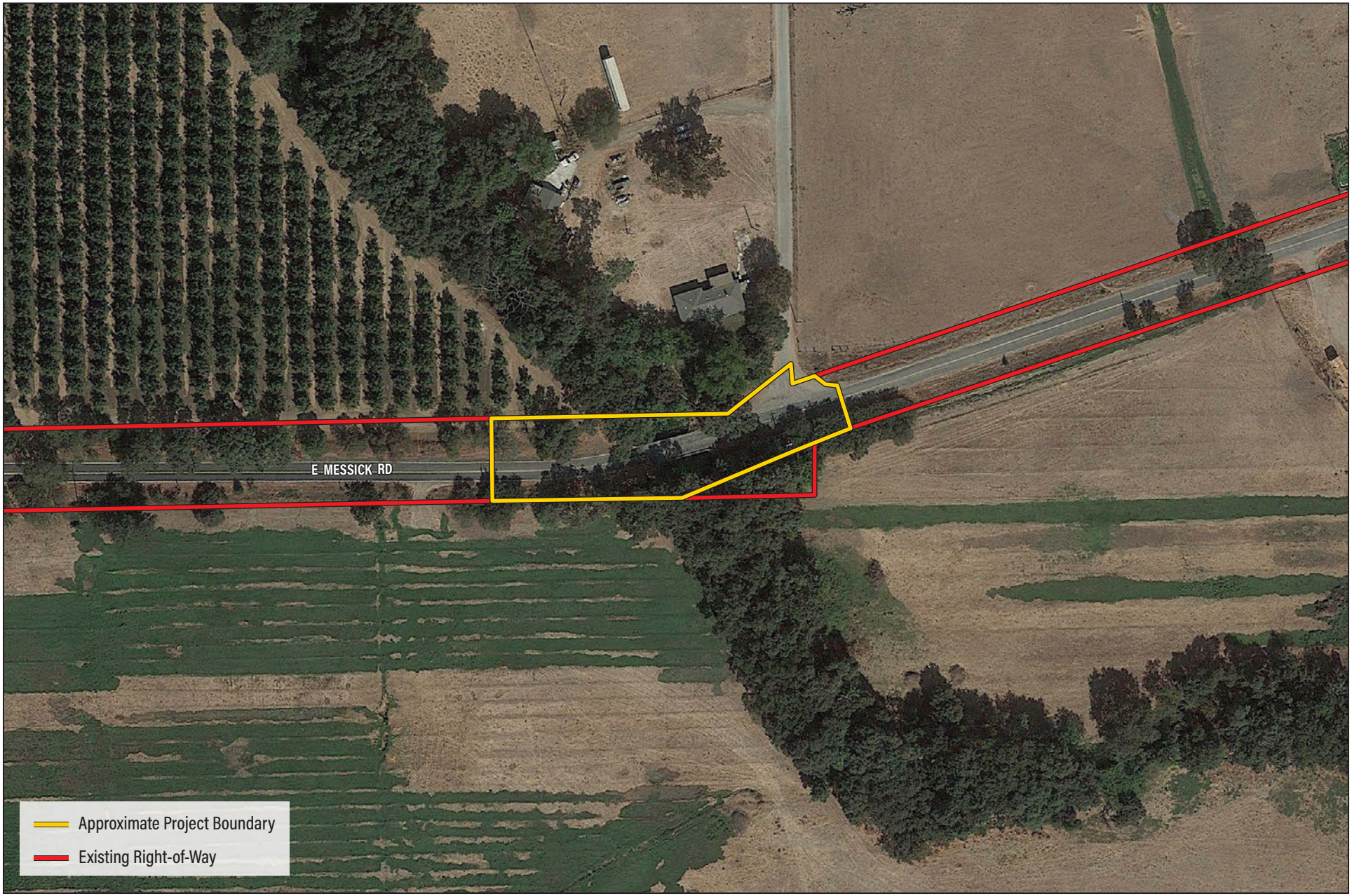
0 2000'
APPROXIMATE

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MESSICK BRIDGE REPLACEMENT PROJECT
PHASE I INITIAL SITE ASSESSMENT

Site Vicinity

Exhibit 2



Source: Google Earth Pro, February 2022

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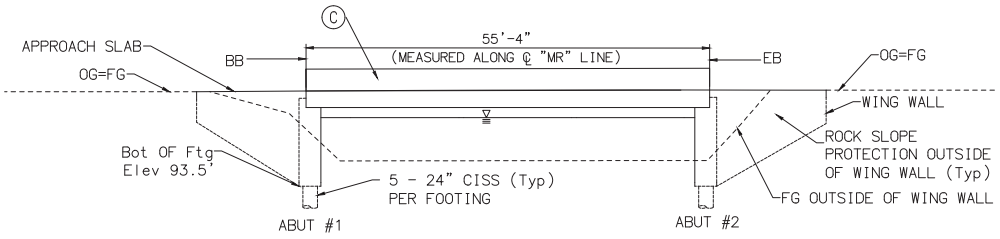
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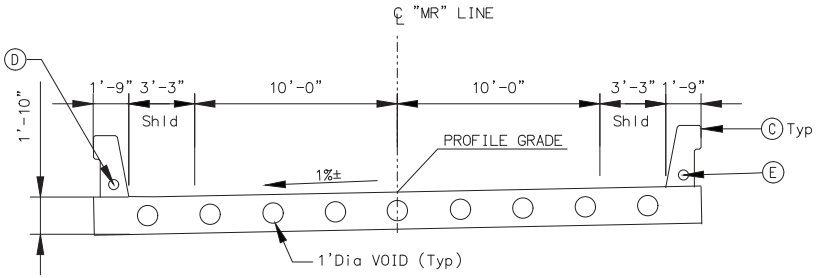
MESSICK BRIDGE REPLACEMENT PROJECT
PHASE I INITIAL SITE ASSESSMENT

Subject Site

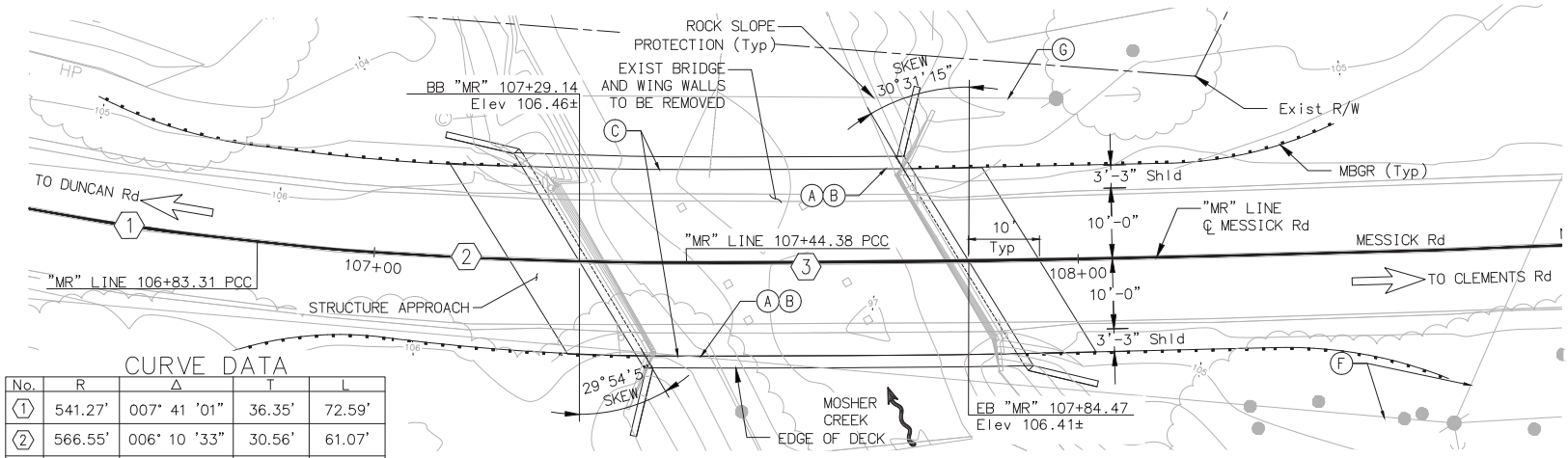
Exhibit 3



ELEVATION
SCALE: 1"=10'



TYPICAL SECTION - CAST-IN-PLACE VOIDED SLAB
NOT TO SCALE



CURVE DATA

No.	R	Δ	T	L
1	541.27'	007° 41 '01"	36.35'	72.59'
2	566.55'	006° 10 '33"	30.56'	61.07'
3	3745.47'	003° 01 '55"	99.12'	198.19'

PLAN
SCALE: 1"=10'

Purpose and Need

Purpose. The purpose of the project is to construct a new bridge meeting current design standards to enhance the safety of motorists and bicyclists in the project area.

Need. The existing Messick Road Bridge is over 90 years old and does not meet current bridge design standards. Structural and functional deficiencies have been identified for the bridge, such as section loss in substructure, decay in substructure, intolerable deck geometry, and insufficient bridge and approach railings. Also, there is currently a weight restriction for this structure, which is posted at each approach.

1.2 PURPOSE OF THE PHASE I ISA

The purpose of conducting this Phase I ISA is to identify RECs as defined by the ASTM E 1527-21 Standard Practice for Environmental Site Assessments (Standard Practice). The ASTM E 1527-21 Standard Practice defines the term REC as "(1) the presence of any hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the likely presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment." De minimis conditions are conditions related to a release that generally do 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. A de minimis condition is not a REC. This Phase I ISA was conducted in accordance with the ASTM E 1527-21 Standard Practice and satisfies the requirements of 40 CFR Part 312 titled *Standards and Practices for All Appropriate Inquiries*, as required under Section 101(35)(B)(ii) and (iii) of the CERCLA. The purpose of conducting an All Appropriate Inquiries (AAI) investigation into the previous ownership and uses of a property is to meet the provisions necessary for the innocent landowner, contiguous property owner, or bona fide prospective purchaser to qualify for certain landowner liability protections under CERCLA. To assist in understanding the terminology contained in this Phase I ISA, a glossary of terms associated with the ASTM E 1527-21 Standard Practice is provided in Appendix A, *ASTM Terminology*.

1.3 DETAILED SCOPE OF SERVICES

This scope of work follows the ASTM E 1527-21 Standard Practice. The ASTM E 1527-21 Standard Practice outlines a procedure for completing Phase I ISAs that includes review of Federal, tribal,

State, and local government records; site reconnaissance; interviews with current owners, operators, occupants, and government officials; and report preparation. This practice does not include any testing or sampling of materials (for example, soil, water, air, building materials, etc.). This Phase I ISA is not intended to provide specific qualitative or quantitative information as to the actual presence of hazardous substances at the subject site, but is to merely identify the potential presence based on available information.

1.4 SIGNIFICANT ASSUMPTIONS

Unless stated otherwise in this Phase I ISA, Michael Baker assumes that groundwater flow follows the topography.

In lieu of reasonably available public information pertaining to groundwater contamination, Michael Baker assumes that groundwater plume dimensions are within the 90th percentile of plumes determined by research conducted as part of ASTM E 2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, which described in detail in Table 1-1, *Groundwater Plume Dimension Assumptions*.

Table 1-1
Groundwater Plume Dimension Assumptions

Chemical Contamination	Length of Plume Up-Gradient From Source	Length of Plume Down-Gradient from Source	Maximum Width of Plume From Source
Chemical of Concern	100 feet	1,760 feet	365 feet
Petroleum Hydrocarbon Chemical of Concern			
With Free Product	100 feet	528 feet	165 feet
Dissolved	100 feet	528 feet	95 feet
Notes: These dimension assumptions are based on research conducted as part of ASTM E 2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in real Estate Transactions, which has determined that 90 percent of plumes are these dimensions or less.			
Source: Anthony J. Buonicore, *Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources*, Paper 2011-A-301-AWMA, June 2011.			

1.5 LIMITATIONS, DEVIATIONS, AND EXCEPTIONS

No limitations, deviations, or exceptions were encountered during the preparation of this Phase I ISA. Further, no additional scope items, or items outside of the scope of a Phase I ISA E 1527-21 Standard Practice, were conducted as part of this Phase I ISA.

1.6 USER RESPONSIBILITIES

This Phase I ISA does not satisfy continuing obligations under CERCLA liability protections provided for innocent landowners, bona fide prospective purchasers, and contiguous property owners, which includes, but is not limited to, duties required after property acquisition (i.e., compliance with land use restrictions and institutional controls, undertaking "reasonable steps" with respect to hazardous substances releases, compliance with other obligations such as reporting obligations and information requests, etc.).

ASTM E 1527-21 Standard Practice defines the user as "the party seeking to use Practice E 1527 to complete an environmental site assessment of the subject property." The purpose of this section is to describe tasks to be performed by the user that will help identify the possibility of recognized environmental conditions in connection with the subject site. These tasks do not require the technical expertise of an Environmental Professional and are not required to be performed by Environmental Professional performing a Phase I ESA [or ISA]. The user questionnaire utilized within this Phase I ISA is optional to the user and aids the Environmental Professional in gathering information from the user that may be material to identifying RECs (refer to Section 2.0, *User Provided Information*, for a discussion of the User Questionnaire conducted as part of this Phase I ISA. It should be noted that the following tasks are required, by the user of this Phase I ISA, to satisfy the requirements of conducting all appropriate inquiries.

1.6.1 REVIEW LAND TITLE AND JUDICIAL RECORDS FOR ENVIRONMENTAL LIENS AND ACTIVITY AND USE LIMITATIONS (AULS)

To meet the requirements of 40 CFR 312.20 and 312.25, a search for the existence of environmental liens and AULs that are filed or recorded against the subject property must be conducted. To meet this requirement, users may rely on either of the two methods detailed below.

1.6.1.1 Method 1: Transaction-Related Title Insurance Documentation Such as Preliminary Title Reports and Title Commitments

The user may rely on title insurance documentation, commonly fashioned as preliminary title reports or title commitments, which are prepared in the course of offering title insurance for the subject property transaction to identify environmental liens or AULs filed or recorded against the subject property. Title insurance documentation involves a reliable review of land title records or judicial records discussing title insurance documentation). However, the user (or a title professional engaged by the user) should closely review the title insurance documentation,

particularly the areas of the documentation listing subject property encumbrances or "restrictions on record," for indications of AULs or environmental liens.

1.6.1.2 Method 2: Title Search Information Reports Such as Condition of Title, Title Abstracts, and AUL/Environmental Lien Reports

Alternatively, users may rely on title search information reports to identify environmental liens or AULs filed or recorded against the subject property. Title search information reports, commonly fashioned as Condition of Title, Title Abstract, AUL/Environmental Lien, or similarly titled reports, provide the results of land title record and/or judicial records research (as applicable) for information purposes only, rather than for the purposes of offering title insurance. Users may rely on title search information reports as long as the title search information reports meet the following scope: Title search information reports shall identify environmental covenants, environmental easements, land use covenant and agreements, declaration of environmental land use restrictions, environmental land use controls, environmental use controls, environmental liens, or any other recorded instrument that restricts, affects, or encumbers the title to the subject property due to restrictions or encumbrances associated with the presence of hazardous substances or petroleum products. Title search information reports shall review land title records for documents recorded between 1980 and the present. If judicial records are not reviewed, the title search information report shall include a statement providing that the law or custom in the jurisdiction at issue does not require a search for judicial records in order to identify environmental liens.

1.6.1.3 Role of the Environmental Professional

The user's responsibility to search for environmental liens and AULs required by this section is in addition to the environmental professional's search of institutional control and engineering control registries. Unless this task is expressly added by a change in the scope of work to be performed by the Environmental Professional (refer to Section 1.5, *Limitations, Deviations, and Exceptions*), the user requirements do not impose on the Environmental Professional the responsibility to undertake a review of land title records or judicial records for environmental liens or AULs.

Any environmental liens or AULs identified under the requirements of Section 1.6.1, *Review Land Title And Judicial Records For Environmental Liens And Activity And Use Limitations (AULs)*, or otherwise known to the user, should be reported to the Environmental Professional conducting

the environmental site assessment. The Environmental Professional shall request that the user provide the results of user-performed AUL and environmental lien searches performed.

Environmental professionals shall describe in their report whether they received the results of the environmental lien and AUL search. The environmental professional does not need to review, assess, or otherwise evaluate the land title records or the user's conclusions as to whether AULs or environmental liens were identified. The Environmental Professional only needs to identify whether they received land title records from the user and whether the user identified AULs or environmental liens.

1.6.1.4 Reasonably Ascertainable Title and Judicial Records for Environmental Liens and Activity and Use Limitations

Environmental liens and AULs that are recorded or filed in any place other than land title records or judicial records (as applicable) are not considered to be reasonably ascertainable unless applicable Federal, tribal, State, or local statutes or regulations specify a place other than land title records or judicial records (as applicable) for recording or filing of environmental liens and AULs.

1.6.2 SPECIALIZED KNOWLEDGE OR EXPERIENCE OF THE USER

Users must take into account their specialized knowledge to identify conditions indicative of releases or threatened releases. If the user has any specialized knowledge or experience that is material to RECs in connection with the subject property, the user should communicate any information based on such specialized knowledge or experience to the environmental professional. The user should do so before the Environmental Professional conducts the site reconnaissance.

1.6.3 ACTUAL KNOWLEDGE OF THE USER

If the user has actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property, the user should communicate such information to the environmental professional. The user should do so before the Environmental Professional conducts the site reconnaissance.

1.6.4 REASON FOR SIGNIFICANTLY LOWER PURCHASE PRICE

In a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the purchase price of the subject property to the fair market value of the subject property if the subject property was not affected by hazardous substances or

petroleum products. The user should try to identify an explanation for a lower price which does not reasonably reflect fair market value if the subject property were not contaminated, and make a written record of such explanation. Among the factors to consider will be the information that becomes known to the user pursuant to the Phase I ISA. The ASTM E 1527-21 Standard Practice does not require that a real estate appraisal be obtained in order to ascertain fair market value of the subject property. The user should inform the Environmental Professional if the user believes that the purchase price of the subject property is lower than the fair market value due to contamination. The user is not required to disclose the purchase price to the environmental professional.

1.6.5 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Commonly known or reasonably ascertainable information within the local community about the subject property must be taken into account by the user. If the user is aware of any commonly known or reasonably ascertainable information within the local community about the subject property that is material to recognized environmental conditions in connection with the subject property, the user should communicate such information to the environmental professional. The user should do so before the Environmental Professional conducts the site reconnaissance. The user must gather such information to the extent necessary to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products.

1.6.6 DEGREE OF OBVIOUSNESS

The user must consider the degree of obviousness of the presence or likely presence of releases or threatened releases at the subject property and the ability to detect releases or threatened releases by appropriate investigation including the information collected under the following sections within this Phase I ISA:

- Section 1.6.1, *Review Land Title and Judicial Records for Environmental Liens and Activity and Use Limitations (AULs)*;
- Section 1.6.2, *Specialized Knowledge or Experience of the User*;
- Section 1.6.4, *Reason for Significantly Lower Purchase Price*;
- Section 1.6.5, *Commonly Known or Reasonably Ascertainable Information*;
- Section 3.2, *Standard Environmental Records Sources*;
- Section 3.4, *Historical Use Information on the Subject Site and Adjoining Properties*;
- Section 4.0, *Site Reconnaissance*; and
- Section 5.0, *Interviews*.

1.6.7 OTHER

Either the user shall make known to the Environmental Professional the reason why the user wants to have the Phase I ISA performed or, if the user does not identify the purpose of the Phase I ISA, the Environmental Professional shall assume the purpose is to qualify for a Landowner Liability Protection (LLP) to CERCLA liability and state this in the report.

1.7 SPECIAL TERMS AND CONDITIONS

No special terms and conditions were identified for this scope of work.

1.8 USER RELIANCE

The information and opinions rendered in this Phase I ISA are exclusively for use by the County of San Joaquin and Caltrans. Michael Baker will not distribute or publish this report without the consent of the County of San Joaquin and Caltrans, except as required by law or court order. The information and opinions expressed in this Phase I ISA are given in response to Michael Baker's scope of services and limitations indicated above, and should be considered and implemented only in light of the scope of services and limitations. The services provided by Michael Baker in completing this Phase I ISA were consistent with normal standards of the profession. No warranty, expressed or implied, is made.

SECTION 2.0
USER PROVIDED INFORMATION

Per ASTM E 1527-21, the user of the Phase I ISA has an obligation to answer all questions posed by the User Questionnaire, in good faith, to the extent of his or her actual knowledge or to designate a key site manager to do so. If answers to questions are unknown or partially unknown to the user or such key site manager, this section shall not thereby be deemed incomplete.

The County of San Joaquin is the 'user' of this Phase I ISA and has provided Michael Baker with information regarding the proposed project for the subject site. The County has requested this Phase I ISA to support environmental documentation for the proposed project. Other information/documentation provided by the County is also referenced throughout this Phase I ISA, as applicable.

2.1 PREVIOUS DOCUMENTS

The user provided *Preliminary Environmental Study* (PES) form, hydraulic, and geotechnical information for the subject site as part of the environmental document. This information has been referenced throughout this Phase I ISA.

2.2 LITIGATION/ADMINISTRATIVE PROCEEDINGS

The user did not provide any information pertaining to any pending, threatened, or past litigation and/or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property during the course of this Phase I ISA.

2.3 GOVERNMENTAL NOTICES

The user did not provide any information pertaining to any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products during the course of this Phase I ISA.

2.4 ENVIRONMENTAL LIENS

The user did not provide any environmental lien information during the course of this Phase I ISA.

2.5 ACTIVITY AND USE LIMITATIONS

The user did not provide any activity and use limitation information during the course of this Phase I ISA.

2.6 SPECIALIZED KNOWLEDGE OR EXPERIENCE

The user noted that the existing Messick Road Bridge was constructed in 1931 and some timber/guardrail repairs took place in 2020.

2.7 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The user did not provide any commonly known or reasonably ascertainable information during the course of this Phase I ISA.

2.8 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The user did not report valuation reduction for environmental issues.

2.9 DEGREE OF OBVIOUSNESS

The user did not report any obvious indicators that point to the presence or likely presence of releases at the subject property during the course of this Phase I ISA.

2.10 REASON FOR PERFORMING PHASE I

This Phase I ISA has been requested by the County in order to support the environmental documentation for the proposed project.

SECTION 3.0
RECORDS REVIEW

3.1 PHYSICAL SETTING SOURCES

Physical setting sources typically provide information regarding geologic, hydrogeologic, hydrologic, or topographic characteristics of a property. The following information is primarily based on the review of the United States Geological Survey (USGS) *Linden*, *California*, Quadrangle (dated 2018), and a site inspection conducted by Michael Baker on February 16, 2022. Other miscellaneous resources utilized within this section and throughout the Phase I ISA are referenced in Section 7.0, *References.*

3.1.1 SUBJECT SITE DESCRIPTION

3.1.1.1 Location

The subject site is located at the existing Messick Road Bridge, within the census-designated place of Linden, San Joaquin County, California (Section 3, Township 2 North [T.2N], Range 8 East [R.8E], Mount Diablo Base and Meridian [MDBM]) (refer to Exhibit 1 and Exhibit 2).

3.1.1.2 Current Use(s) of the Subject Site

Currently, the subject site consists of transportation uses (a bridge structure over Mosher Creek); refer to Exhibit 3. Messick Road trends in a northeast/southwest direction through the subject site. Mosher Creek flows in a northwestern direction through the subject site.

3.1.1.3 Description of On-Site Structures and Roads

Messick Road is a rural two-lane local roadway with one ten-foot lane in each direction and is located between Duncan Road and Clements Road. One on-site bridge structure is located within the boundaries of the subject site. Messick Road Bridge (29C-274) consists of timber decking with asphalt concrete overlay supported on concrete columns. It is acknowledged that no shoulders currently exist at the Messick Road Bridge.

3.1.2 TOPOGRAPHY

The USGS maps show geological formations and their characteristics, describing the physical setting of an area through contour lines and major surface features including lakes, rivers, streams, buildings, landmarks, and other factors that impact the spread of contamination. Additionally, the maps depict topography through color and contour lines and are helpful in determining elevations and site latitude and longitude.

Based on the USGS *Linden*, *California,* Quadrangle (dated 2018), on-site topography is approximately between 102 and 110 feet above mean sea level (msl) and slopes downgrade to the northwest. The subject site appears to consist of transportation uses (Messick Road) and Mosher Creek. Adjoining land uses appear to consist of agricultural uses and associated rural residential uses. Two water wells are noted to the north and northwest of the subject site. Calaveras River is noted to the south and west of the subject site. No on-site pits, ponds, or lagoons are noted within the boundaries of the subject site.

3.1.3 CURRENT USES OF ADJOINING PROPERTIES

For the scope of this Phase I ISA, properties are defined and categorized based upon their physical proximity to the subject site. An adjoining property is considered any real property or properties the border of which is contiguous or partially contiguous with that of the subject site, or that would be contiguous or partially contiguous with that of the subject site but for a street, road, or other public thoroughfare separating them. The following is a detailed description of each adjoining land use observed on February 16, 2022:

- North: Residential, agricultural, and fallow agricultural land uses are located to the north of the subject site.

- East: Residential, agricultural, fallow agricultural land, and transportation (Messick Road) uses bound the eastern portion of the subject site.

- South: Residential, agricultural, and fallow agricultural land uses are located to the south of the subject site.

- West: Residential, agricultural, and transportation (Messick Road and Duncan Road) uses are located to the west of the subject site.

3.1.4 GEOLOGIC CONDITIONS

3.1.4.1 Geology

The USGS Geological Map Index was searched by EDR for available Geological Maps that cover the subject site and surrounding areas. These Geological Maps indicate geological formations that are overlaid on a topographic map. Some maps focus on specific issues (i.e., bedrock, sedimentary rocks, etc.) while others may identify artificial fills (including landfills). Geological maps can be effective in estimating permeability and other factors that influence the spread of contamination.

According to the EDR GeoCheck Report, the land consists of a stratified sequence from the Cenozoic era; refer to Appendix B, *Database Records Searches*.

3.1.4.2 Soils

The U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS) Soil Survey Maps were searched for available soils within the subject site. One soil series is reported to be within the boundaries of the subject site; refer to Appendix C, *Documentation*, for a mapping of on-site soils. The following is a detailed description of the soil series located within the subject site:

- San Joaquin Sandy Loam, 2 to 5 Percent Slopes: This sloping soil derives from alluvium granitic rock sources generally occurs on large fan remnants. A combination of sandy loam and clay compose the soil profile at various depths. About 3 percent of this mapping unit is included in areas of bruella, 2 percent unnamed ponded, 2 percent San Joaquin, 2 percent jahant, 2 percent rocklin, 1 percent unnamed on gentler slopes, 1 percent unnamed medium textured with hardpan, 1 percent redding, and 1 percent unnamed on steeper slopes. Runoff is very high; however, there is no risk of flooding as soils are moderately drained.

3.1.4.3 Radon

Radon is a radioactive gas that is found in certain geologic environments and is formed by the natural breakdown of radium, which is found in the earth's crust. Radon is an invisible, odorless, inert gas that emits alpha particles, known to cause lung cancer. Radon levels are highest in basements (areas in close proximity to the soil) that are poorly ventilated. A radon survey was not included within the scope of this investigation. According to the "U.S. EPA Map of Radon Zones," the County of San Joaquin is located within Zone 3, which has a predicted average indoor screening level of less than 2.0 picocuries per liter (pCi/L). EPA recommends remedial actions when radon levels are greater than 4.0 pCi/L.

3.1.5 BIOLOGICAL SETTING

The existing biological setting is typical of a rural agricultural community in San Joaquin Valley. Riparian habitat associated with Mosher Creek is present.

3.1.6 DRAINAGE/HYDROLOGY

3.1.6.1 Drainage

Due to the lack of impervious surfaces and Mosher Creek traversing the subject site, drainage of the subject site is accomplished by overland sheet flow into Mosher Creek. Mosher Creek generally flows in a northwesterly direction toward the Calaveras River.

3.1.6.2 Flood Hazards

Flood Prone Area Maps published by the USGS show areas prone to 100-year floods overlaid on a topographical map. These maps are not considered the official Federal Emergency Management Agency (FEMA) flood maps; therefore, in cases where a property is located immediately adjacent to or within the flood prone boundary, a FEMA map should be obtained. According to the FEMA Flood Insurance Rate Map (FIRM), Mosher Creek, through the subject site, is located within a special flood zone (regulatory floodway). Calaveras River, to the south of the subject site, is located within a 100-year flood zone (refer to the Appendix C).

3.1.6.3 Groundwater

Michael Baker assumes groundwater would follow the slope of the ground surface elevations, generally in a northwestern direction.

3.1.6.4 Water Wells

According to the EDR Database search, no water wells are noted within the boundaries of the subject site. Multiple water wells were reported within a one-mile radius of the subject site, including one water well to the north of the subject site.

3.2 STANDARD ENVIRONMENTAL RECORDS SOURCES

The governmental sources have been searched by EDR (at the request of Michael Baker) for sites within the subject site and within an approximate one-mile radius of the subject site boundaries.

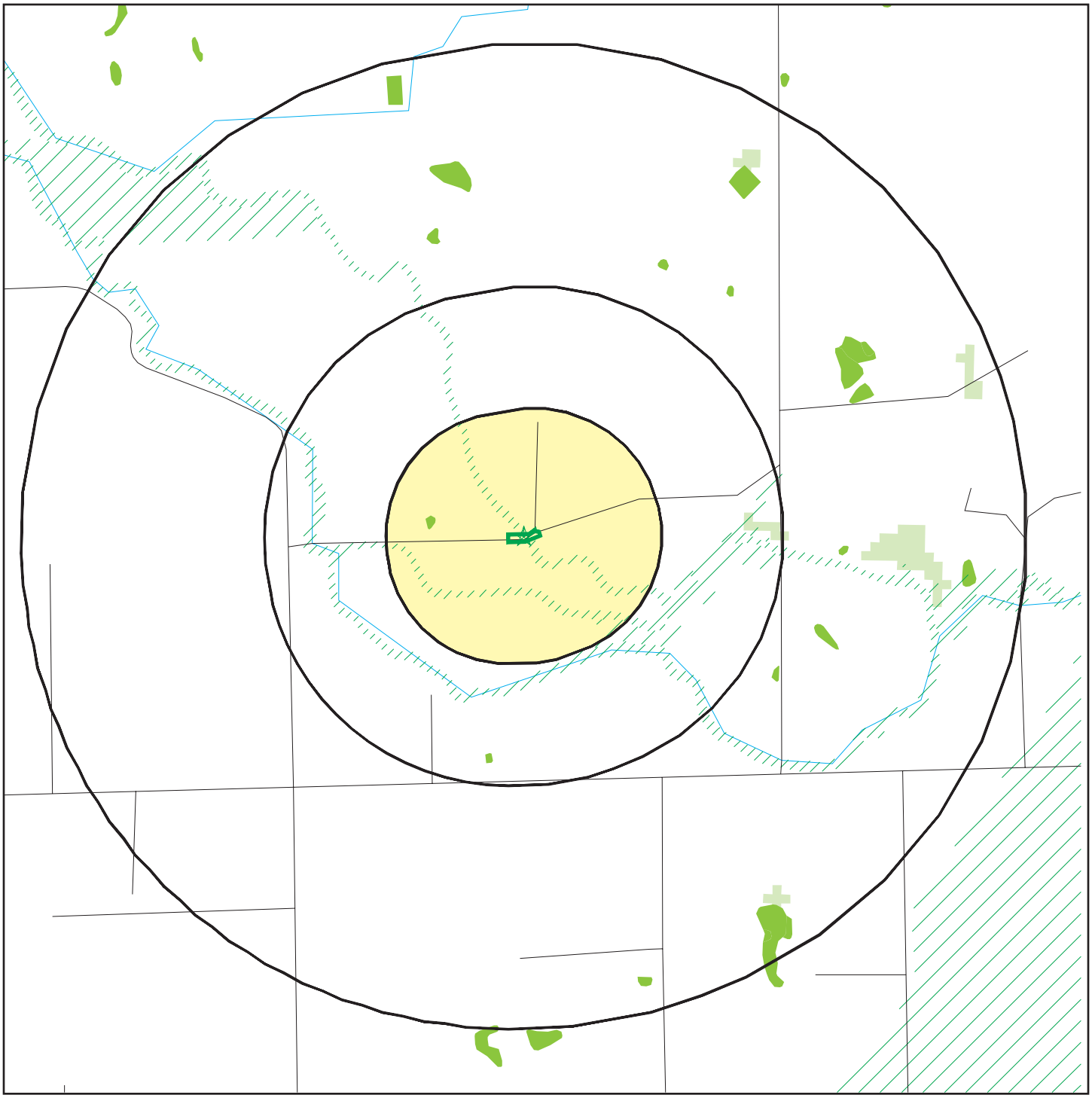
Upon completion of their search, EDR provided Michael Baker with their findings dated February 3, 2022. Michael Baker makes no claims as to the completeness or accuracy of the referenced sources. Our review of EDR's findings can only be as current as their listings and may not represent all known or potential hazardous waste or contaminated sites. To reduce the potential for omitting possible hazardous material sites on the subject site and within the surrounding area, sites may be listed in this report if there is any doubt as to the location because of discrepancies in map location, zip code, address, or other information. Refer to Appendix B, *Database Searches*, for a listing and description of the Federal, tribal, State, and local records searched.

3.2.1 SUBJECT SITE

The lists that were reviewed reported no regulatory property within the boundaries of the subject site; refer to Exhibit 5, *Overview Map*. No known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on the subject site. The subject site has not been under investigation for violation of any environmental laws, regulations, or standards, as identified in the databases reported by EDR (refer to Appendix B).

3.2.2 OFF-SITE PROPERTIES

The lists that were reviewed reported no regulatory sites located within a one-mile radius of the subject site in the regulatory databases identified in Appendix B. No known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on adjoining or adjacent properties. Off-site properties searched have not been under investigation for violation of any environmental laws, regulations, or standards, as identified in the databases reported by EDR (refer to Appendix B).



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
Indian Reservations BIA
Special Flood Hazard Area (1%)
0.2% Annual Chance Flood Hazard
National Wetland Inventory
State Wetlands
Areas of Concern

MESSICK BRIDGE REPLACEMENT PROJECT
PHASE I INITIAL SITE ASSESSMENT

Overview Map

Michael Baker INTERNATIONAL

02/2022 • JN 185102

Exhibit 5

3.2.3 UNMAPPED PROPERTIES

According to EDR's ESA Report Desktop Reference, dated 1996, some reported sites are unmappable as exact locations remain undefined. Listings in publicly available records, which do not have adequate address information, are not generally considered practically reviewable. For the purposes of this Phase I ISA, practically reviewable is defined as information provided in a manner and in a form that yields information without the need for extraordinary analysis of irrelevant data. Although the location of these sites may be unknown, the site and detail information are often available through EDR.

Michael Baker's review of Unmapped Properties consisted of a verification, based solely on the professional judgment of the Environmental Professional, that the subject site is not listed (i.e., referenced by name or street address) and a review to identify if any of the Unmapped Properties cause a likely potential to create an REC within the boundaries of the subject site. No listed Unmapped Properties are located within the boundaries of the subject site. Additionally, no unmapped properties appear to be located within a one-mile radius of the subject site.

3.3 FILE RECORD REVIEWS

If the subject site or any of the adjoining properties are identified on one or more of the standard environmental record sources, pertinent regulatory files and/or records associated with the listing should be reviewed. The purpose of the regulatory file review is to obtain sufficient information to assist the Environmental Professional in determining if a REC, HREC, CREC, or a de minimis condition exists at the subject property in connection with the listing. If, in the environmental professional's opinion, such a review is not warranted, the Environmental Professional must explain the justification for not conducting the regulatory file review.

The lists that were reviewed reported no regulatory property within the boundaries of the subject site or within a one-mile radius of the subject site in the regulatory databases identified in Appendix B. As such, no file review is required as part of this Phase I ISA.

3.4 HISTORICAL USE INFORMATION ON THE SUBJECT SITE AND ADJOINING PROPERTIES

The objective of compiling and analyzing historical property information and developing a history of the previous uses of the subject property, adjoining properties, and surrounding area is to help identify the likelihood of past uses having led to RECs in connection with the subject property. The Environmental Professional shall exercise professional judgment and consider the possible releases that might have occurred at subject property, adjoining properties, and

surrounding area in light of the historical uses and, in concert with other relevant information gathered as part of the Phase I ISA process, use this information to assist in identifying RECs in connection with the subject property (discussed in Section 6.0, *Evaluation*, of this Phase I ISA).

The standard sources identified by ASTM E 1527-21 include aerial photographs, fire insurance maps, local street directories, topographic maps, building department records, interviews, property tax files, zoning/land use records, and other historical sources (i.e., a resource or resources, other than those listed, that are credible to a reasonable person and that identify past uses of the subject property). The focus is on usage rather than ownership, which is why a chain-of-title is not sufficient by itself.

3.4.1 METHODOLOGY AND LIMITING CONDITIONS

3.4.1.1 Methodology

Data failure (a subset of a data gap) occurs when all of the standard historical resources that are reasonably ascertainable and likely to be useful have been reviewed and yet the historical source review objectives have not been met.

USES OF THE SUBJECT PROPERTY

Per ASTM E 1527-21 Standard Practice, historical uses "shall be identified from the present, back to the subject property's obvious first developed use, or back to 1940, whichever is earlier." The term "developed use" includes agricultural uses and placement of fill dirt, and other uses that may not involve structures. The Phase I ISA shall describe all identified uses, justify the date identified for the subject property's first developed use, and explain the reason for any gaps in the history of use (e.g., data failure). This task requires reviewing only as many of the standard historical sources as are necessary and both reasonably ascertainable and likely to be useful.

The following standard historical resources shall be reviewed if, based on the judgment of the Environmental Professional, they are reasonably ascertainable, likely to be useful, and applicable to the subject property: (1) aerial photographs, (2) fire insurance maps, (3) local street directories, and (4) historical topographic maps. In cases in which any of the preceding four standard historical resources are not reviewed, the Environmental Professional shall indicate why such a review was not conducted. Additional standard historical resources shall be reviewed if, in the opinion of the Environmental Professional, such additional review is warranted to achieve the objective of compiling and analyzing historical property information.

Historical information for the subject site was obtained back to 1894, at which time a bridge is noted on the subject site. Sources reviewed have been cited throughout this section and are

referenced in Section 7.0 of this Phase I ISA. Michael Baker did not encounter data failure with regard to uses of the subject property during the course of this Phase I ISA.

INTERVALS

Review of standard historical resources at less than approximately five-year intervals is not required by ASTM E 1527-21 Standard Practice. If the specific use of the subject property appears unchanged over a period longer than five years, then it is not required by ASTM E 1527-21 Standard Practice to research the use during the intervening period.

Michal Baker did not encounter data failure with regard to source intervals during the course of this Phase I ISA.

USES OF THE ADJOINING PROPERTIES

During research of the subject property, uses of the adjoining properties that are obvious shall be identified in the Phase I ISA to evaluate the likelihood that past uses of the adjoining properties have led to RECs in connection with the subject property. The Phase I ISA shall describe identified obvious uses of adjoining properties, and indicate the earliest dates identified. This task requires reviewing the following standard historical resources if they have been researched for the subject property, provide coverage of one or more adjoining properties, and are likely to be useful in satisfying the objective of compiling and analyzing historical property information: (1) aerial photographs, (2) fire insurance maps, (3) local street directories, and (4) historical topographic maps. In cases in which any of the preceding four standard historical resources are not reviewed for the adjoining properties but they were reviewed for the subject property, the Environmental Professional shall indicate why such a review was not conducted. Additional standard historical resources should be reviewed if, in the opinion of the Environmental Professional, such additional review is warranted to achieve the objective of compiling and analyzing historical property information. Factors to consider in making this determination include, but are not limited to:

- Known hydrogeologic/geologic conditions that may indicate a high probability of hazardous substances or petroleum products migrating to the subject property;
- The extent to which information is reasonably ascertainable;
- The extent to which information is likely to be useful;
- The time and cost involved in reviewing such resources; and
- Local good commercial and customary practice.

Other historical resources may be used to satisfy the objective but checking other historical resources is not required to comply with ASTM E 1527-21 Standard Practice.

Land uses of adjoining properties have been noted throughout the Phase I ISA, as applicable, and are referenced accordingly.

USES OF PROPERTIES IN SURROUNDING AREA

Uses in the area surrounding the property shall be identified in the Phase I ISA, but this task is only required to the extent that this information is revealed in the course of researching the property itself. If the Environmental Professional uses resources that include the surrounding area, surrounding uses should be identified to a distance determined at the discretion of the Environmental Professional. Factors to consider in making this determination include, but are not limited to:

- The extent to which information is reasonably ascertainable;
- The time and cost involved in reviewing surrounding uses;
- The extent to which information is useful, accurate, and complete in light of the purpose of the records review;
- The likelihood of the information being significant to RECs in connection with the subject property;
- The extent to which potential concerns are obvious;
- Known hydrogeologic/geologic conditions that may indicate a high probability of hazardous substances or petroleum products migration to the subject property;
- How recently local development has taken place;
- Information obtained from interviews and other sources; and
- Local good commercial and customary practice.

Surrounding land uses have been noted throughout the Phase I ISA, as applicable, and are referenced accordingly.

3.4.1.2 Limiting Conditions

Michael Baker did not encounter any other conditions that limited the historical use review during the course of this Phase I ISA.

3.4.2 STANDARD HISTORICAL SOURCES

3.4.2.1 Historical Uses Summary

Based upon the evaluation of the documented land use as demonstrated in the resources reviewed as part of this Phase I ISA, the subject site appears to have historically been a bridge at over Mosher Creek since at least 1894. The surrounding areas consisted of primarily agricultural and fallow agricultural land as well as transportation, agricultural, and residential uses. The surrounding area has remained similar to current day conditions. Historical uses of the subject site and surrounding areas are described in detail in Table 3-1, *Historical Uses Summary*.

Table 3-1
Historical Uses Summary

Year	On-Site Use	Surrounding Uses	Source
1894	The subject site appears to be a paved roadway, including a bridge at a creek crossing.	The surrounding area appears to consist of agricultural and fallow agricultural land uses and roadways for transportation uses. Two other bridges are located to the east and west of the subject site where an intermittent stream and a perennial river crossing, respectively. Various improved light duty roads are noted in the vicinity.	USGS Topographic Maps
1908	No changes noted.	The surrounding area appears to consist of sparse structures and transportation uses. In addition to the improved main roads, several unimproved roadways are noted in the vicinity. One building is noted to adjoin the site to the northwest and another building is noted further west, both located north of Messick Road west of the creek. Bridge previously located to the east of the subject site where an intermittent stream crosses appeared to have been removed. The perennial river to the west of the site is identified as Calaveras (River).	USGS Topographic Maps
1931	On-site bridge replaced with the existing on-site bridge.	No changes noted.	User Provided Information
1937	No changes noted.	The surrounding area appears to consist of primarily agricultural uses and fallow agricultural land while transportation uses and sparse structures for agricultural and/or residential uses have increased. Specifically, orchards are identified to the north of the subject site and fallow agricultural land has been identified to the east, south, and west. One building is noted at the western end of an unnamed dirt road north of the site.	Aerial Photographs
1939	The on-site bridge is no longer identified as a bridge.	Agricultural uses (i.e., orchards and shrubland or vineyards) have increased in the	USGS Topographic Maps

Table 3-1
Historical Uses Summary

Year	On-Site Use	Surrounding Uses	Source
		surrounding area, with sparse structures located along roadways. Another building is noted west of the site, north of Messick Road. Secondary highways are noted to the east of the subject site.	
1941	No changes noted.	No changes noted.	Aerial Photographs
1942	No changes noted.	No changes noted.	USGS Topographic Maps
1953	The on-site roadway is identified as Messick Road. No changes in land use are noted.	Frazier Road is identified to the north of the site, Clements Road is identified to the west, and Waterloo Road (currently Comstock Road) is identified to the south. A building previously noted to adjoin the site to the northwest appears to have been demolished. Another building is noted to the east of the site, south of Messick Road. A windmill is noted to the east of the subject site. Levee are noted to both sides of Calaveras River. Various water wells and two reservoirs are noted in the vicinity.	USGS Topographic Maps
1957	No changes noted.	Orchard previously identified to the north of the subject site appears to have been removed, with a structure noted at this property that adjoins the subject site to the north, west of the unnamed dirt road. Farmland is observed to the south of the site. Vegetation is observed along Mosher Creek.	Aerial Photographs
1963	No changes noted.	A building is noted to the east of the site, north of Messick Road.	Aerial Photographs
1968	No changes noted.	Development (primarily transportation and agricultural uses) have increased in the surrounding area. Additional water features and reservoirs are noted in the vicinity. The unnamed dirt road north of the site has been extended further north and a structure is noted at the northern end. Waterloo Road is now identified as Comstock Road. A secondary highway is identified to the west of the site.	Aerial Photographs USGS Topographic Maps
1971	No changes noted.	No changes noted. It is acknowledged that the City Directory listings mainly include residences and agricultural-related industry.	City Directory
1972	No changes noted.	No changes noted.	Aerial Photographs
1974	No changes noted.	No changes noted.	City Directory
1975	No changes noted.	An additional building is noted on the same property as the structure previously noted to adjoin the subject site to the north, west of the unnamed dirt road.	Aerial Photographs
1977	No changes noted.	No changes noted.	City Directory

Table 3-1
Historical Uses Summary

Year	On-Site Use	Surrounding Uses	Source
1981	No changes noted.	No changes noted.	City Directory
1984	No changes noted.	No changes noted.	Aerial Photographs
1985	No changes noted.	No changes noted.	City Directory
1992	No changes noted.	No changes noted.	City Directory
1993	No changes noted.	No changes noted.	Aerial Photographs USGS Topographic Maps
1995	No changes noted.	No changes noted.	City Directory
1997	No changes noted.	No changes noted.	USGS Topographic Maps
2000	No changes noted.	No changes noted.	City Directory
2005	No changes noted.	No changes noted.	City Directory
2006	No changes noted.	The buildings noted to adjoin the subject site to the north and west appear to have been demolished.	Aerial Photographs
2009	No changes noted.	The structure noted at the northern end of the unnamed dirt road appears to be a storage yard.	Aerial Photographs
2010	No changes noted.	No changes noted.	City Directory
2012	No changes noted.	The previously identified secondary highway west of the site has been identified as Duncan Road.	Aerial Photographs USGS Topographic Maps
2014	No changes noted.	No changes noted.	City Directory
2015	No changes noted.	Woodland/shrub coverage in the vicinity appears to have decreased.	USGS Topographic Maps
2016	No changes noted.	Farmland is observed to the northwest of the site.	Aerial Photographs
2017	No changes noted.	No changes noted.	City Directory
2018	No changes noted.	No changes noted.	USGS Topographic Maps
2020	Some wood/guardrail repairs took place on the bridge structure.	No changes noted.	User Provided Information

Notes:
Other sources reviewed, but that which did not include information pertaining to the subject site included the following: Sanborn Maps.

Source: Refer to Section 7, *References*, and Appendix C, for full citation and documentation of sources utilized in this table.

3.4.2.2 Property Tax Files

Michael Baker searched the subject site for property data via the County's District Viewer. This data typically provides Assessor's Parcel Map and other property information such as on-Assessor's parcel number (APNs), site address, parcel size, zoning, land use, and other miscellaneous parcel information. No property information was available for the subject site as the subject site consists of a bridge structure and roadway right-of-way.

3.4.2.3 Zoning/Land Use Records

Zoning/land use records generally consist of records maintained by the local government in which the subject site is located. They indicate the uses permitted by the local government for particular zones within its jurisdiction. The records may consist of maps and/or written records. As a roadway, Messick Road does not have land use designation under the County of San Joaquin's *San Joaquin County 2035 General Plan* (General Plan) or Zoning per the County of *Ordinance Code of San Joaquin County* (Municipal Code). Further, Messick Road is not recognized nor classified on the General Plan Circulation Diagram. It is acknowledged that areas surrounding the project site along Messick Road are designated General Agricultural (A/G) and Limited Agricultural (A/L) land use under the General Plan, and are zoned General Agriculture (40 acres) (AG-40).

3.4.2.4 Oil and Gas Wells

The California Department of Conservation, Geologic Energy Management Division (CalGEM, formerly DOGGR) online mapping system Well Finder documents existing and historical oil and gas wells in California. Current well status for any well indicated in the online mapping system should be confirmed at the appropriate CalGEM Office. Michael Baker reviewed the CalGEM online mapping system Well Finder on February 14, 2022. According to CalGEM, no oil gas wells are located within the boundaries of the subject site or immediate vicinity and the subject site does not appear to be located within an oil/gas field (refer to Appendix C). Three plugged and abandoned wells are noted in the general surrounding area.

3.4.2.5 Other Historical Sources

Other historical sources include miscellaneous maps, newspaper archives, and records in the files and/or personal knowledge of the subject property owner and/or occupants. According to the National Pipeline Mapping System, no petroleum pipelines are located within the boundaries of the subject site. No other sources were reviewed by Michael Baker during the course of this Phase I ISA.

SECTION 4.0
SITE RECONNAISSANCE

According to the ASTM E 1527-21 Standard Practice, the objective of the site reconnaissance is to obtain information indicating the likelihood of identifying RECs in connection with the subject site.

4.1 METHODOLOGY AND LIMITING CONDITIONS

4.1.1 METHODOLOGY

Michael Baker performed a visual observation of readily accessible areas of the subject site and immediately adjoining properties on February 16, 2022. At this time, the subject site was visually inspected. Refer to Exhibit 6, *On-Site Photographs*, and Exhibit 7, *Off-Site Photographs*, for photograph documentation conducted during the site visit. The subject site was viewed from all public thoroughfares. If roads or paths with no apparent outlet are observed on the subject site, the use of the road or path was identified to determine whether it was likely to have been used as an avenue for disposal of hazardous substances or petroleum products.

4.1.2 LIMITING CONDITIONS

No limiting conditions were encountered as part of Michael Baker's site reconnaissance conducted on February 16, 2022.

4.2 ON-SITE OBSERVATIONS

4.2.1 DESCRIPTION OF ON-SITE USES

The subject site consists of transportation uses.

4.2.2 DESCRIPTION OF ON-SITE STRUCTURES AND ROADS

The subject site consists of Messick Road trending in a west/east direction. No structures are present on-site.



View of transportation uses on the subject site looking east.



View of Messick Bridge on the subject site looking south.



View of transportation uses on the subject site looking west.



Underground utility marker located in the western terminal of Messick Bridge.



View of utility pole with associated transformer and adjoining residential uses to the north.



View of agricultural uses adjoining the subject site to the east.



View of drainage pipes to the south of the subject site.



View of agricultural uses adjoining the subject site to the northwest.

4.2.3 DESCRIPTION OF PAST USES OF THE SUBJECT SITE

Based on review of topographical maps and aerial photographs, past uses of the subject site appear to consist of transportation uses similar to the existing condition. No evidence to suggest the presence of other past uses was noted during the February 16, 2022 site visit.

4.2.4 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

Michael Baker did not observe hazardous substances or petroleum products during the site visit.

4.2.5 CHEMICAL STORAGE TANKS (ASTS AND USTS)

Michael Baker did not observe chemical storage tanks (aboveground storage tanks [ASTs] and USTs) on-site during the site visit. It is acknowledged that one propane aboveground storage tank (AST) was noted to the north associated with adjoining residential uses.

4.2.6 SPILLS

No visual or physical evidence of stained catch basins, drip pads, sumps, or stained soils was observed during the February 16, 2022, site inspection.

4.2.7 SOLID WASTE DISPOSAL

No indication of on-site solid waste disposal practices (i.e., landfills) was apparent during the February 16, 2022, site inspection. However, miscellaneous debris was noted throughout the subject site.

4.2.8 UTILITIES

Aboveground electrical-related and below ground (i.e., telecommunication-related) utilities signage were observed on-site during the February 16, 2022, site visit.

4.2.8.1 Polychlorinated Biphenyls (PCBs)

One power pole was observed within the boundaries of the subject site during the February 16, 2022, site visit. No pole-mounted transformers were observed on-site.

4.2.8.2 Wells

No water wells were observed within the boundaries of the subject site during the February 16, 2022, site visit.

4.2.8.3 Potable Water Supply

No structures are located within the subject site; therefore, Michael Baker did not observe any potable water supply during the February 16, 2022, site visit.

4.2.8.4 Sewage Disposal System

No structures are located within the subject site; therefore, Michael Baker did not observe any sewer disposal systems (including septic systems) during the February 16, 2022, site visit.

4.2.8.5 Heating/Cooling

No structures are located within the subject site; therefore, Michael Baker did not observe any heating or cooling systems during the February 16, 2022, site visit.

4.2.9 DRAINS AND SUMPS

No drains or sumps were noted during the February 16, 2022, site visit.

4.2.10 PITS, PONDS, LAGOONS

No pits, ponds, or lagoons were noted during the February 16, 2022, site visit.

4.3 OFF-SITE OBSERVATIONS

An adjoining property is considered any real property or properties that the border of which is contiguous or partially contiguous with that of the subject site, or that would be contiguous or partially contiguous with that of the subject site but for a street, road, or other public thoroughfare separating them. An adjacent property is any real property located off-site, which is not adjoining. Visual observations of the publicly accessible portions of adjoining properties were conducted on February 16, 2022, as part of this Phase I ISA and are described below.

4.3.1 DESCRIPTION OF CURRENT AND PAST USES OF THE SURROUNDING AREA

Current uses surrounding the subject site primarily consist of residential, agricultural, and fallow agricultural land uses. Based on review of available documentation noted in Section 3.0, past uses of the surrounding area appear to have consisted of residential, agricultural, and fallow agricultural land uses, similar to existing conditions.

4.3.2 DESCRIPTION OF CURRENT USES AND STRUCTURES AT ADJOINING PROPERTIES

Current adjoining properties to the subject site consist of transportation, residential, agricultural, and fallow agricultural land uses. During a preliminary observation of adjoining properties from public thoroughfares, no visible or physical evidence was observed to suggest that a release of petroleum-based material has recently occurred. No unusual or suspicious materials handling or storage practices were observed with respect to adjoining properties.

4.3.3 DESCRIPTION OF PAST USES AND STRUCTURES AT ADJOINING PROPERTIES

Based on the available documentation obtained, off-site uses appear to have historically consisted of agricultural, fallow agricultural, residential, and transportation land uses.

4.3.4 OBSERVATIONS OF OFF-SITE PROPERTIES

4.3.4.1 Utilities

Typical utilities (e.g., power lines) were noted off-site during the February 16, 2022, site visit. No staining or leaking was observed with respect to off-site utilities.

4.3.4.2 Chemical Storage Tanks

One propane tank associated with residential uses was noted during the February 16, 2022, site visit. No other evidence of chemical storage tanks were observed at off-site properties.

4.3.4.3 Hazardous Materials

No evidence of hazardous materials was observed during the February 16, 2022, site visit.

SECTION 5.0
INTERVIEWS

The ASTM E 1527-21 Standard Practice indicates that the objective of interviews is to obtain information indicating RECs in connection with the subject site. Interviews with past and present owners, operators, and occupants of the subject property consist of questions to be asked in the manner and of persons as described in the ASTM E 1527-21 Standard Practice. The content of questions to be asked shall attempt to obtain information about uses and conditions observed during the site reconnaissance as well as the documentation review. The content of questions to be asked of State and/or local government officials shall be decided in the discretion of the environmental professional(s) conducting the Phase I ISA, provided that the questions shall generally be directed towards identifying RECs in connection with the subject site.

5.1 PROPERTY OWNER

Due to the nature of the project (proposed bridge replacement project), current and past property owners are not associated with the subject site and, as such, were not readily available for interview.

5.2 KEY SITE MANAGER/OPERATOR

A key site manager, identified by the property owner, is a person with good knowledge of the uses and physical characteristics of the subject property. Often the Key Site Manager is the property manager, the chief physical plant supervisor, or head maintenance person. If the user is the current property owner, the user has an obligation to identify a key site manager, even if it is the user himself or herself.

The Project Engineer, Ms. Sofia Landis, P.E., with Michael Baker International, has been identified as the Key Site Manager for the purposes of this analysis. Ms. Landis has provided Michael Baker with information pertaining to the subject site throughout this Phase I ISA, which has been referenced accordingly.

5.3 OCCUPANTS

No occupants are associated with the subject site, and thus were not available for interview.

5.4 LOCAL GOVERNMENT OFFICIALS

Michael Baker contacted Brian Newburg, with the County of San Joaquin on February 23, 2022 to inquire the date of the last roadway striping on Messick Road (refer to Appendix C). Mr. Newburg confirmed that re-striping was last conducted in June 2021.

5.5 OTHER PERSONS

No other persons were interviewed during the course of this Phase I ISA.

SECTION 6.0
EVALUATION

Michael Baker has performed a Phase I ISA in general conformance with the scope of services and limitations of ASTM E 1527-21 Standard Practice of the Messick Bridge Replacement Project, Community of Linden, Unincorporated County of San Joaquin, California, also known as the subject site within this Phase I ISA. Any exceptions to, or deletions from, this practice are described in the Section 6.4, *Limiting Conditions/Deviations*, of this report. This Phase I ISA has revealed the following in connection with the subject site.

6.1 FINDINGS AND OPINIONS

The following findings and opinions are based upon review of reasonable ascertainable referenced material available to Michael Baker during the preparation of this Phase I ISA, which included a review of historical aerial photographs, historical topographic maps, regulatory databases, and other documentation, as well as interviews and site reconnaissance.

6.1.1 CURRENT ON-SITE USES

The subject site currently consists of transportation (Messick Bridge) use. Based on the review of reasonable ascertainable referenced materials, it is the opinion of Michael Baker that no RECs have resulted from current on-site uses.

6.1.1.1 Lead Based Paints (Traffic Striping Material)

LBPs were commonly used in traffic striping materials before the discontinued use of lead chromate pigment in traffic striping/marking materials and hot-melt thermoplastic stripe materials (discontinued in 1997 and 2006, respectively). Michael Baker observed traffic striping along Messick Road during the February 16, 2022 site visit. However, as noted in Section 5.0, *Interviews*, roadway re-striping on Messick Road was last conducted in June 2021. Thus, it is the opinion of Michael Baker that, based on the age of traffic striping material (less than one year), the presence of LBPs in traffic striping materials is unlikely and no REC has resulted in this regard.

6.1.1.2 Lead Based Paints (Bridge Structure)

In 1978, the federal government banned consumer uses of lead-based paint. Today, lead paint is still present building materials; sometimes under layers of newer paint. The mere presence of lead in paint may not constitute a material to be considered hazardous. In fact, if in good condition (no flaking or pealing), most intact LBP is not considered to be a hazardous material. In poor condition, LBPs can create a potential health hazard for building occupants, especially children.

Given the nature of the bridge structure, it is Michael Baker's opinion that LBPs are not associated with the existing bridge, and the on-site bridge structure has not resulted in a REC on the subject site as a result of LBPs.

6.1.1.3 ACMs (Bridge Structure)

Asbestos is a strong, incombustible, and corrosion resistant material, which was used in many commercial products since prior to the 1940s and up until the early 1970s. If inhaled, asbestos fibers can result in serious health problems. Asbestos containing-materials (ACMs) are building materials containing more than one percent (1%) asbestos (some state and regional regulators impose a one-tenth of one percent (0.1%) threshold).

Due to the type of bridge structure and the age (1931), it is unlikely that ACMs are associated with the existing on-site bridge structure. It is the opinion of Michael Baker that no REC has resulted in this regard.

6.1.1.4 Treated Wood Waste (Bridge Structure)

Treated wood waste comes from old wood that has been treated with chemical preservatives. These chemicals help protect the wood from insect attack and fungal decay while it's being used. Fence posts, sill plates, landscape timbers, pilings, guardrails, and decking, to name a few, are all examples of chemically treated wood. Treated wood waste contains hazardous chemicals that pose a risk to human health and the environment. Arsenic, chromium, copper, creosote, and pentachlorophenol are among the chemicals used to preserve wood and are known to be toxic or carcinogenic. Harmful exposure to these chemicals may result from touching, inhaling, or ingesting treated wood waste particulate (e.g., sawdust and smoke).

No visible evidence to suggest the release of treated wood waste was noted during the course of this Phase I ISA. As such, it is the opinion of Michael Baker that no REC has resulted in this regard. However, this issue is of environmental concern, as the project would require the

removal/disposal of potential treated wood associated with the on-site bridge structure. The removal and disposal of treated wood waste will be required to comply with Caltrans Standard Specifications Section 14-11.14 pertaining to the disposal of treated wood waste.

6.1.2 PAST ON-SITE USES

Based upon the evaluation of the documented land use as demonstrated in the resources reviewed as part of this Phase I ISA, the subject site appears to have historically consists of transportation (Messick Bridge) use since at least 1894. The following are Michael Baker's findings regarding past on-site use.

6.1.2.1 Historical Bridge Structure

Based upon evaluation of the documented land use as demonstrated in the reviewed resources, the series of historical aerial photographs and maps, and the site inspection, the subject site appears to be a bridge structure over Mosher Creek since 1894. However, this bridge was replaced with the existing on-site bridge in 1931. Thus, it is the opinion of Michael Baker that a REC has not resulted due to the former on-site bridge structure.

6.1.2.2 Aerially Deposited Lead

Until the mid-1980s, gasoline and other fuels contained lead, a toxic metal. As each car or truck traveled highways and roads, tiny particles of lead were released in the exhaust and settled on the soils next to the road. Most of the time, lead tends not to move very far or fast in the environment.

Caltrans has sampled sediment adjacent to traffic lanes in major metropolitan areas and determined that lead from leaded gasoline emissions is present. Elevated lead levels have been found to be highest at the surface (zero to six inches) and decreases with depth. Levels are highest immediately adjacent to the traveled way and decreases with distance from the road. Total lead levels on average are not greater than the Total Threshold Limit Concentration (TTLC) but would often exceed the Soluble Threshold Limit Concentration (STLC) found in Title 22, California Code of Regulations (CCR). The construction process of excavation, stockpiling, transporting, and disposing of material (i.e., soils), which exceeds the STLC for lead, makes the material a hazardous waste. If the material exceeds the Threshold Concentration Leaching Potential (TCLP) test limits for lead, it is considered a Federal hazardous waste. However, tests conducted by

Caltrans has concluded that materials excavated adjacent to freeways rarely exceed the TCLP threshold.

It is the opinion of Michael Baker that Messick Road is associated with a relatively low number of vehicles (as the surrounding area is rural) and has unlikely resulted in elevated levels of aerially deposited lead within roadway right-of-way. It is Michael Baker's opinion that on-site soils (pertaining to aerially deposited lead) are likely considered non-hazardous for reuse on-site. It is the opinion of Michael Baker that no REC has resulted in this regard.

6.1.3 CURRENT ADJOINING PROPERTIES

Current adjoining uses consist of fallow agricultural land as well as transportation, agricultural, and residential uses. The following is a discussion of findings made in association with current adjoining properties.

6.1.3.1 Current Residential Uses

Current adjoining residential use to the north of the subject site was noted during the February 16, 2022, site visit. Residential uses are not typically associated with the handling/storage or transport of hazardous materials. Therefore, it is the opinion of Michael Baker that the current adjoining residential use has not resulted in a REC at the time of this Phase I ISA.

6.1.3.1 Current Agricultural Uses

Current adjoining agricultural use to the north, east, south, and west of the subject site was noted during the February 16, 2022, site visit. Therefore, it is likely that pesticides/herbicides are currently used. However, pesticides/herbicides used as a result of these adjoining current agricultural uses are located off-site and are not anticipated to have impacted on-site surface soils. Thus, it is the opinion of Michael Baker that the presence of herbicide/pesticide contamination in on-site surface soils as a result of the adjoining agricultural uses is unlikely and no REC has resulted in this regard.

6.1.4 PAST ADJOINING USES

Based on documentation reviewed as part of this Phase I ISA, past adjoining uses consisted of transportation, agricultural, fallow agricultural, and residential uses. The following is a discussion of findings made in association with past adjoining uses.

6.1.4.1 Past Agricultural Uses

Based on the evaluation of the documented land use (as demonstrated in the resources reviewed as part of this Phase I ISA), adjoining uses surrounding the subject site appear to have been historically utilized for agricultural purposes circa 1937. As adjoining uses were historically used for agriculture, it is likely that pesticides/herbicides were historically used. However, historical pesticides/herbicides as a result of these adjoining historical agricultural uses are located off-site and are not anticipated to have impacted on-site surface soils. Thus, it is the opinion of Michael Baker that the presence of residual herbicide/pesticide contamination in on-site surface soils as a result of the past adjoining agricultural uses is unlikely and no REC has resulted in this regard.

6.1.5 CURRENT AND PAST ADJACENT USES

Current and past adjacent uses consist of agricultural, fallow agricultural, transportation, and residential uses. No adjacent property was listed in the EDR database report. Thus, it is the opinion of Michael Baker that no REC has resulted from adjacent regulatory properties.

6.1.6 DATA GAPS

A data gap is a lack of or inability to obtain information required by the ASTM E 1527-21 Standard Practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including but not limited to site reconnaissance (for example, an inability to conduct the site visit) and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). A data gap by itself is not inherently significant. For example, if a property's historical use is not identified back to 1940 because of data failure, but the earliest source shows that the property was undeveloped, this data gap by itself would not be significant. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap. For example, if a building on the property is inaccessible during the site visit, and the Environmental Professional's experience indicates that such a building often involves activity that leads to an REC, the inability to inspect the building would be a significant data gap warranting comment.

No significant data gaps were noted during the course of the Phase I ISA. Refer to Section 6.4, *Limiting Conditions/Deviations*, below.

6.2 CONCLUSIONS

Michael Baker has performed a Phase I ISA in conformance with the scope and limitations of ASTM E 1527-21 Standard Practice of the Messick Bridge Replacement Project, Community of Linden, Unincorporated County of San Joaquin, California, the subject site. Any exceptions to, or deletions from, this practice are described in Section 6.4, *Limiting Conditions/Deviations*, of this Phase I ISA. This Phase I ISA has revealed no evidence of RECs in connection with the subject site.

However, it should be noted that the following environmental concern has been identified, and implementation of the recommendation outlined below as well as Federal, State, and local laws and regulations, including Caltrans Standard Specifications and Special Provisions during construction, these issues would no longer be of concern.

- Treated Wood Waste (associated with the bridge structure).

Based on the documentation review and site visit conducted as part of this Phase I ISA, it is the opinion of Michael Baker that with implementation of the recommendation outlined below as well as Federal, State, and local laws and regulations, including Caltrans Standard Specifications and Special Provisions during construction, no further Preliminary Site Investigation is necessary at this time.

6.3 RECOMMENDATIONS

The following recommendation is based on the findings, opinions, and conclusions noted during the course of this Phase I ISA. It is the opinion of Michael Baker that the following recommendation be implemented:

- Treated Wood Waste. Although Michael Baker has determined that potential on-site treated wood waste (associated with the on-site bridge structure) has not resulted in a REC on the subject site, the removal and disposal of treated wood waste will be required to comply with Caltrans Standard Specifications Section 14-11.14 pertaining to the disposal of treated wood waste during construction.

6.4 LIMITING CONDITIONS / DEVIATIONS

No limitations, deviations, or exceptions were encountered during the preparation of this Phase I ISA. Further, no additional scope items, or items outside of the scope of a Phase I ISA E 1527-21 Standard Practice, were conducted as part of this Phase I ISA.

SECTION 7.0
REFERENCES

ASTM International, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation: E 1527-21.

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APPENDICES

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APPENDIX A:
ASTM TERMINOLOGY

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TERMINOLOGY

The following definitions and descriptions of terms are from the ASTM E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

abandoned property – property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property.

activity and use limitations – 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, soil vapor, groundwater, and/or surface water on the 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, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on a property.

actual knowledge – knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

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.

aerial photographs – photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities.

all appropriate inquiry – that inquiry constituting all appropriate inquiries into the previous ownership and uses of the subject property consistent with good commercial and customary practice as defined in CERCLA, 42 U.S.C. § 9601(35)(B) and 40 C.F.R. Part 312, that will qualify a party to a commercial real estate transaction for one of the threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C. §§ 9601(35)(A) & (B), §

9607(b)(3), § 9607(q), and § 9607(r)), assuming compliance with other elements of the defense.

approximate minimum search distance – the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the subject property and shall be measured from the nearest subject property boundary. This term is used in lieu of radius to include irregularly shaped properties.

bona fide prospective purchaser (42 U.S.C. § 9607[r]) – person may qualify as a bona fide prospective purchaser if, among other requirements, such person made "all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices." Knowledge of contamination resulting from all appropriate inquiries would not generally preclude this liability protection. A person must make all appropriate inquiries on or before the date of purchase. The facility must have been purchased after January 11, 2002.

brownfields Amendments – amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. § 9601 et seq.

building department records – those records of the local government in which the subject property is located indicating permission of the local government to construct, alter, or demolish improvements on a property.

business environmental risk – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in ASTM E 1527-21 Standard Practice. Consideration of BER issues may involve addressing one or more non-scope considerations, some of which are identified in ASTM E 1527-21 Standard Practice Section 13.

commercial real estate – any real property except a dwelling or property with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the construction of such dwellings for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential purposes that has more than four residential dwelling units;

and property with no more than four dwelling units for residential use when it has a commercial function, as in the building of such dwellings for profit.

commercial and real estate transaction – a transfer of title to or possession of real property or receipt of a security interest in real property, except that it does not include transfer of title to or possession of real property or the receipt of a security interest in real property with respect to an individual dwelling or building containing fewer than five dwelling units, nor does it include the purchase of a lot or lots to construct a dwelling for occupancy by a purchaser, but a commercial real estate transaction does include real property purchased or leased by persons or entities in the business of constructing or developing dwelling units.

construction debris – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

contaminated public wells – public wells used for drinking water that have been designated by a government entity as contaminated by hazardous substances (for example, chlorinated solvents) or petroleum products, or as having water unsafe to drink without treatment.

contiguous property owner (42 U.S.C. § 9607[q]) – a person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all appropriate inquiries at the time of acquisition of the subject property and did not know or have reason to know that the subject property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiries must not result in knowledge of contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the contiguous property owner liability protection.

controlled recognized environmental condition – recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations).

data failure – failure to achieve the historical research objective in ASTM E 1527-21 Standard Practice Section 8.3.1 even after reviewing the standard historical resources in Sections

8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.

data gap – a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to, site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.).

de minimis condition – a condition related to a release 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. A condition determined to be a de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition.

demolition debris – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to a property.

drum – a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store hazardous substances or petroleum products.

dry wells – underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and nonintentional), and wastewater disposal (often illegal).

due diligence – the process of inquiring into the environmental characteristics of commercial real estate or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties, and differing purposes.

dwelling – structure or portion thereof used for residential habitation.

engineering controls (EC) – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on a property. Engineering controls are a type of activity and use limitation (AUL).

environment – environment shall have the same meaning as the definition of environment in CERCLA 42 U.S.C. § 9601[8]).

environmental compliance audit – the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe this practice, although an environmental compliance audit may include an environmental site assessment or, if prior audits are available, may be part of an environmental site assessment.

environmental lien – a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§ 9607(1) & 9607(r) and similar state or local laws.

environmental professional – a person meeting the education, training, and experience requirements as set forth in 40 C.F.R. § 312.10(b). The person may be an independent contractor or an employee of the user.

environmental site assessment (ESA) – the process by which a person or entity seeks to determine if a subject property is subject to recognized environmental conditions. At the option of the user, an environmental site assessment may include more inquiry than that constituting all appropriate inquiries or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting all appropriate inquiries. An environmental site assessment is both different from and often less rigorous than an environmental compliance audit.

ERNS list – EPA's emergency response notification system list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such releases or spills are codified in 40 C.F.R. Parts 302 and 355.

fill dirt – dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

fire insurance maps – maps originally produced for fire insurance purposes that indicate uses of properties at specified dates.

good faith – absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one's obligations in the conduct or transaction concerned.

hazardous substance – a substance defined as a hazardous substance pursuant to CERCLA 42 U.S.C. § 9601(14), as interpreted by EPA regulations and the courts: "(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. § 6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. § 6901 et seq.) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. § 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

hazardous waste – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. § 6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§ 6901-6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid WasteDisposal Act. RCRA defines a hazardous waste, at 42 U.S.C. § 6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may: (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness, or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

hazardous waste/contaminated sites – sites on which a release has occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and that release or suspected release has been reported to a government entity.

historical recognized environmental condition – a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the

satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition.

IC/EC registries – databases of institutional controls or engineering controls that may be maintained by a federal, state, or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as, but not limited to the following: Declaration of Environmental Use Restriction database (Arizona), Land Use Restriction Sites (California Department of Toxic Substances Control), Sites with Deed Restrictions (California State Water Resources Control Board), Environmental Covenant List (Washington), Sites With Environmental Covenants and Use Restrictions (Colorado), Institutional Control Registry (Indiana), Environmental Site Tracking and Research Tool (Missouri), and the Pennsylvania Activity and Use Limitation (PA AUL) Registry.

innocent landowner defense (42 U.S.C. §§ 9601[35] and 9607[b][3]) – a person may qualify as one of three types of innocent landowners: (1) a person who "did not know and had no reason to know" that contamination existed on the subject property at the time the purchaser acquired the subject property; (2) a government entity which acquired the subject property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; or (3) a person who "acquired the facility by inheritance or bequest." To qualify for the innocent landowner defense, such person must have made all appropriate inquiries on or before the date of purchase. Furthermore, the all appropriate inquiries must not have resulted in knowledge of the contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the innocent landowner defense.

institutional controls (IC) – a legal or administrative mechanism (for example, "deed restrictions," restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the 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. An institutional control is a type of activity and use limitation (AUL).

interviews – those portions of this practice that are conducted to gather information from an individual or individuals in person, by telephone, in writing, or via other electronic media to meet the objectives of this practice.

key site manager – the person identified by the owner or operator of a subject property as having good knowledge of the uses and physical characteristics of the subject property.

land title records – records that affect the title of real estate, which may include, among other things, deeds, mortgages, leases, land contracts, court orders, easements, liens, and AULs recorded within the recording systems or land registration systems created by state statute in every state and ordinarily administered in the local jurisdiction (usually the county) in which the subject property is located, and available by performing a title search. Such records are publicly accessible, though the process of performing a title search to find land title records often requires specialized expertise or knowledge of the local system. Information about the title to the subject property that is filed or stored in any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the subject property is located, are not considered land title records.

landfill – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term solid waste disposal site and is also known as a garbage dump, trash dump, or similar term.

landowner Liability Protections (LLPs) – a defense to CERCLA available to bona fide prospective purchasers, contiguous property owners, and innocent landowners. See 42 U.S.C. §§ 9601(35)(A), 9601(40), 9607(q), and 9607(r).

local government agencies – those agencies of municipal or county government having jurisdiction over the subject property. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.

local street directories – directories published by private or government entities that list the occupant(s) of a specific address at the time the occupant data were collected, typically within a year of the publication date of the directory.

major occupants – those tenants, subtenants, or other persons or entities each of which uses at least 40% of the leasable area of the subject property or any anchor tenant when the subject property is a shopping center.

material safety data sheet (MSDS) – See safety data sheet.

material threat – obvious threat which is likely to lead to a release and that, in the opinion of the environmental professional, would likely result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

migrate/migration – for the purposes of the ASTM E 1527-21 Standard Practice, "migrate" and "migration" refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.

National Priorities List (NPL) – list compiled by EPA pursuant to CERCLA 42 U.S.C. § 9605(a)(8)(B) of sites with the highest priority for cleanup pursuant to EPA's Hazard Ranking System. See 40 C.F.R. Part 300.

obvious – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer.

occupants – those tenants, subtenants, or other persons or entities using a property or a portion of a property.

operator – person responsible for the overall operation of a facility.

other historical sources – any resource other than those designated in ASTM E 1527-21 Standard Practice Sections 8.3.4.1 through 8.3.4.8 that are credible to a reasonable person and that identify past uses of properties. See Section 8.3.4.9.

owner – generally the fee owner of record of a property.

petroleum exclusion – the exclusion from CERCLA liability provided in 42 U.S.C. § 9601(14), as interpreted by the courts and EPA: "The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

petroleum products – those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. § 9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosine, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.)

Phase I Environmental Site Assessment – the process described in ASTM E 1527-21 Standard Practice.

physical setting sources – resources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of the area that includes the subject property. See ASTM E 1527-21 Standard Practice Section 8.2.1.

pits, ponds, or lagoons – manmade or natural depressions in a ground surface that are likely to hold liquids or sludge containing hazardous substances or petroleum products. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

practically reviewable – information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the subject property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the subject property or a geographic area in which the subject property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable

number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much information is generated that it cannot be feasibly reviewed regarding its impact on the subject property, it is not practically reviewable.

property – real property, including buildings and other fixtures and improvements located on and affixed to the land.

property use limitation – limitation or restriction on current or future use of a property in connection with a response to a release, in accordance with the applicable regulatory authority or authorities that allows hazardous substances or petroleum products to remain in place at concentrations exceeding unrestricted use criteria.

property tax files – files kept for property tax purposes by the local jurisdiction which may include records of past ownership, appraisals, maps, sketches, photographs, or other information.

publicly available – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

RCRA generators – those persons or entities that generate hazardous wastes, as defined and regulated by RCRA.

RCRA TSD facilities – those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.

reasonably ascertainable – information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

recognized environmental conditions – (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

records review – that part that is contained in ASTM E 1527-21 Standard Practice Section 8 that addresses which records shall or may be reviewed.

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. § 9601(22). There are a number of statutory exclusions from the definition of release that may impact the environmental professional's opinions and conclusions, such as the normal application of fertilizer.

report – written report prepared by the environmental professional and constituting part of a "Phase I Environmental Site Assessment," as required by the ASTM E 1527-21 Standard Practice.

safety data sheets – written or printed material that is prepared by chemical manufacturers and importers for distributors' and employers' use that provides comprehensive information regarding a hazardous chemical pursuant to OSHA's Hazard Communication Standard (HCS), 29 C.F.R. § 1910.1200.

site reconnaissance – that part that is contained in Section 9 of this practice and addresses what should be done in connection with the site visit. The site reconnaissance includes, but is not limited to, the site visit done in connection with such a Phase I Environmental Site Assessment.

significant data gap – a data gap that affects the ability of the environmental professional to identify a recognized environmental condition.

site reconnaissance – that part that is contained in ASTM E 1527-21 Standard Practice Section 9 and addresses what should be done in connection with the site visit. The site reconnaissance includes, but is not limited to, the site visit done in connection with such a Phase I Environmental Site Assessment.

site visit – the visit to the subject property during which observations are made constituting the site reconnaissance section of the ASTM E 1527-21 Standard Practice.

solid waste disposal site – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term landfill and is also known as a garbage dump, trash dump, or similar term.

solvent – a chemical compound that is capable of dissolving another substance and may itself be a hazardous substance, used in a number of manufacturing/industrial processes including but not limited to the manufacture of paints and coatings for industrial and

household purposes, equipment clean-up, and surface degreasing in metal fabricating industries.

standard environmental record sources – those records specified in ASTM E 1527-21 Standard Practice Section 8.2.2.

standard historical sources – those resources of information about the history of uses of properties specified in ASTM E 1527-21 Standard Practice Section 8.3.4.

standard physical setting resources – recent USGS 7.5 Minute Topographic Map (or equivalent) showing contour lines and the area on which the subject property is located, and site-specific physical setting information obtained pursuant to agency file reviews. See ASTM E 1527-21 Standard Practice Section 8.2.1.

standard practice – the activities set forth in ASTM E 1527-21 Standard Practice.

standard sources – sources of environmental, physical setting, or historical records specified in ASTM E 1527-21 Standard Practice Section 8.

subject property – the property that is the subject of the environmental site assessment described in ASTM E 1527-21 Standard Practice.

sump – pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

topographic map - graphic representation delineating natural and man-made features of an area or region in a way that shows their relative positions and elevations.

TSD facility – storage, or disposal facility. See "RCRA TSD facilities" above.

underground injection – the emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, sewage drain hole, subsurface fluid distribution system or other system, or groundwater point source.

underground storage tank (UST) – any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground.

user – party seeking to use ASTM E 1527-21 Standard Practice to complete an environmental site assessment of the subject property.

USGS 7.5 Minute Topographic Map – USGS Topographic Map, including the current US Topo 7.5-Minute Series or the historical 7.5-Minute Topographic Series, which is available from the United States Geologic Survey and showing the subject property.

visually and/or physically observed – during a site visit pursuant to this practice, this term means observations made by visual, auditory, or olfactory means while performing the site reconnaissance.

wastewater – water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

zoning/land use records – those records of the local government of areas encompassing the subject property indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps or written records.

APPENDIX B:
DATABASE RECORDS SEARCHES

This document is designed for double-sided printing to conserve natural resources.

Messick Bridge Replacement Project
NA
Unincorporated Count, CA 95236

Inquiry Number: 6844463.2s
February 03, 2022

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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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 (E1527-21), 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

NA
UNINCORPORATED COUNT, CA 95236

COORDINATES

Latitude (North):	38.0522780 - 38ˆ 3' 8.20''
Longitude (West):	121.0874720 - 121ˆ 5' 14.89''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	667807.3
UTM Y (Meters):	4213136.5
Elevation:	102 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12021625 LINDEN, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140628
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
NA
UNINCORPORATED COUNT, CA 95236

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE..... State Response Sites

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR..... EnviroStor Database

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Solid Waste Information System

Lists of state and tribal leaking storage tanks

LUST..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC..... Statewide SLIC Cases

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Active UST Facilities
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

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
CERS HAZ WASTE ---------- CERS HAZ WASTE
US CDL ---------- National Clandestine Laboratory Register
PFAS ---------- PFAS Contamination Site Location Listing
AQUEOUS FOAM ---------- Former Fire Training Facility Assessments Listing

Local Lists of Registered Storage Tanks

SWEEPS UST ---------- SWEEPS UST Listing
HIST UST ---------- Hazardous Substance Storage Container Database
CERS TANKS ---------- California Environmental Reporting System (CERS) Tanks
CA FID UST ---------- Facility Inventory Database

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
RMP ---------- Risk Management Plans
RAATS ---------- RCRA Administrative Action Tracking System
PRP ---------- Potentially Responsible Parties
PADS ---------- PCB Activity Database System
ICIS ---------- Integrated Compliance Information System
FTTS ---------- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

EXECUTIVE SUMMARY

MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
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 AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
ECHO	Enforcement & Compliance History Information
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
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HIST CORTESE	Hazardous Waste & Substance Site List
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CIWQS	California Integrated Water Quality System
CERS	CERS
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)
MINES MRDS	Mineral Resources Data System
HWTS	Hazardous Waste Tracking System

EXECUTIVE SUMMARY

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
RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

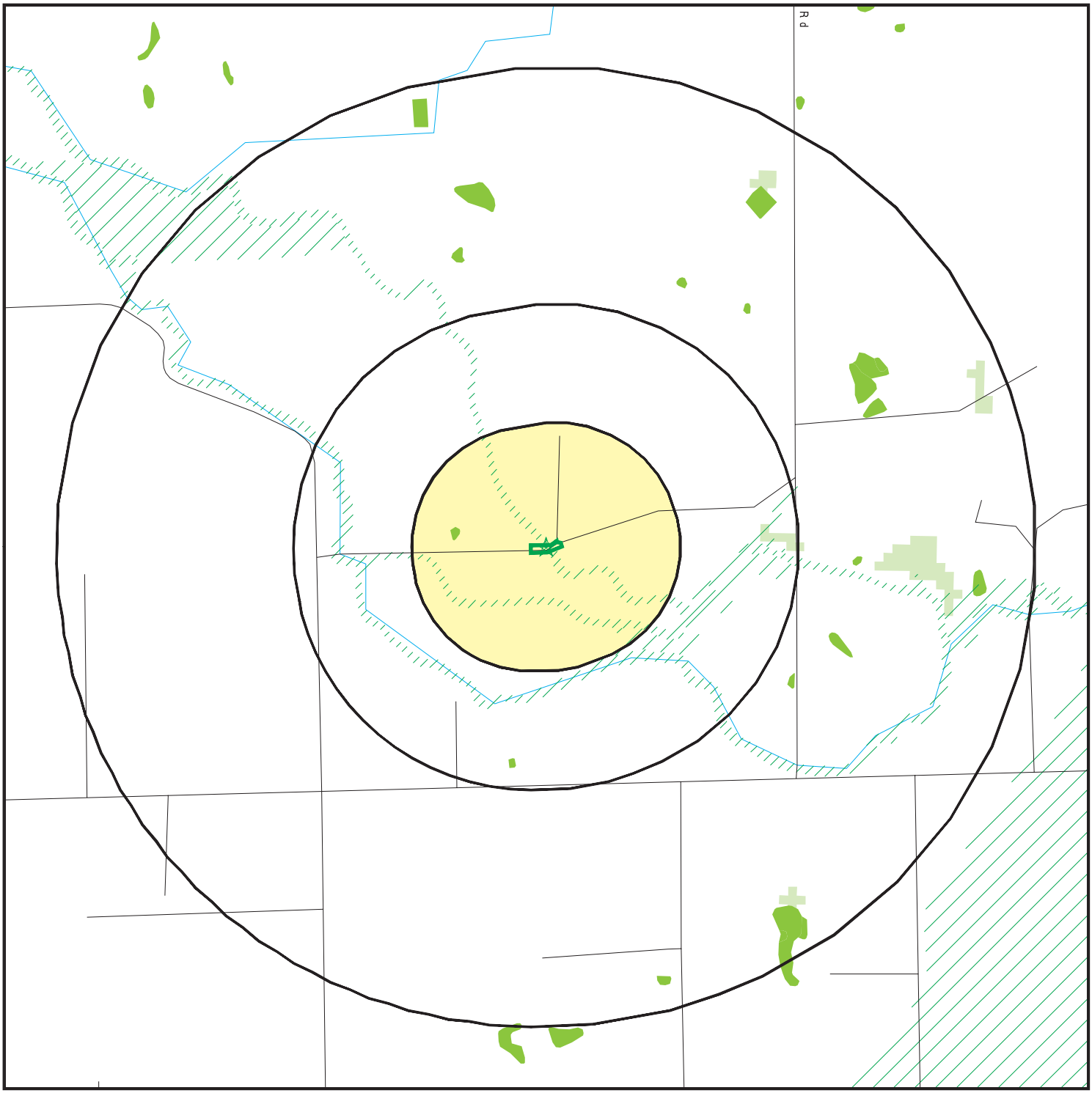
Surrounding sites were not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6844463.2S



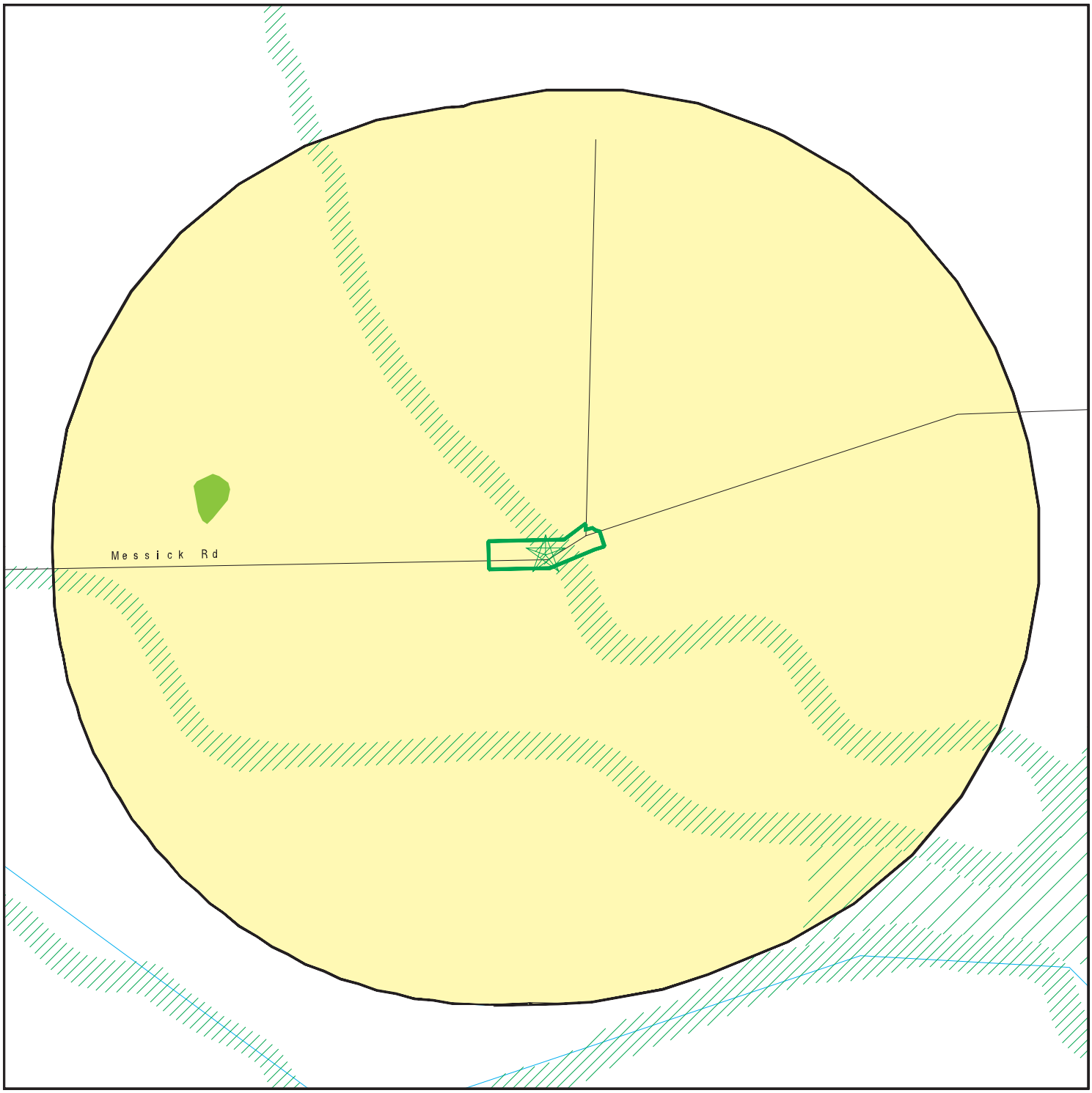
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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:	Messick Bridge Replacement Project	CLIENT:	Michael Baker International
ADDRESS:	NA Unincorporated Count CA 95236	CONTACT:	Winnie Woo
		INQUIRY #:	6844463.2s
LAT/LONG:	38.052278 / 121.087472	DATE:	February 03, 2022 9:06 am

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DETAIL MAP - 6844463.2S



0 1/16 1/8 1/4 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
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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:	Messick Bridge Replacement Project	CLIENT:	Michael Baker International
ADDRESS:	NA Unincorporated Count CA 95236	CONTACT:	Winnie Woo
		INQUIRY #:	6844463.2s
LAT/LONG:	38.052278 / 121.087472	DATE:	February 03, 2022 9:07 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								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	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 CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	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
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of 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
Lists of state and tribal brownfield 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
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	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
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	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
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		NR	NR	NR	NR	NR	0
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		NR	NR	NR	NR	NR	0
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		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	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
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
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
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		NR	NR	NR	NR	NR	0
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
UIC GEO	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
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
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
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	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 --		0	0	0	0	0	0	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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

NO SITES FOUND

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

Lists of Federal NPL (Superfund) sites

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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
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

Lists of Federal Delisted NPL sites

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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 07/12/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 77

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
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: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/19/2021
Next Scheduled EDR Contact: 03/07/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

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: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

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: 11/08/2021
Date Data Arrived at EDR: 11/09/2021
Date Made Active in Reports: 01/28/2022
Number of Days to Update: 80

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

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 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 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: 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: 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 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 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

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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/20/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/30/2021
Number of Days to Update: 84
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

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: 08/18/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/03/2021
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

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: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

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: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

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: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

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: 07/08/2021
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: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

Lists of state and tribal brownfield 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: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
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: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
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: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 12

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
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: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
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: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
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: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
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: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
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: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

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: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
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

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: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 12/01/2019
Date Data Arrived at EDR: 08/19/2021
Date Made Active in Reports: 10/28/2021
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

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

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: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
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: 08/25/2021
Date Data Arrived at EDR: 09/03/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
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: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
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: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
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: 09/30/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
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: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
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: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 08/10/2021
Date Data Arrived at EDR: 08/17/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 66

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
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: 01/14/2022
Next Scheduled EDR Contact: 04/25/2022
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: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
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: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 02/01/2022
Next Scheduled EDR Contact: 05/16/2022
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: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
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: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
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: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
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: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 03/14/2022
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 40
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 02/14/2022
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: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
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: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
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: No Update Planned

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: No Update Planned

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: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
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: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/14/2022
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: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
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: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/27/2021
Next Scheduled EDR Contact: 04/11/2022
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: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/08/2022
Data Release Frequency: Quarterly

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: 09/30/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2022
Next Scheduled EDR Contact: 04/18/2022
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: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
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: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
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: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
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: 08/09/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

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: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
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: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

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: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 03/21/2022
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: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
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: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
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: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 78
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
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: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/19/2021
Next Scheduled EDR Contact: 02/21/2022
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: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/24/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
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: 04/16/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/05/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 84

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/21/2022
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: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 87

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
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: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 87

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
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: 10/04/2021
Date Data Arrived at EDR: 10/05/2021
Date Made Active in Reports: 12/22/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
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: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
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: 08/05/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/09/2021
Date Made Active in Reports: 01/27/2022
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
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: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 03/21/2022
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: 03/12/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
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: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
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: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

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: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

CIWQS: 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: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
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: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (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: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55
Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
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

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: 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: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/01/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 75

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 11/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: 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: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/22/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 85

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: 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: 04/09/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/21/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: 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: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 84

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: 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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: 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: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 12/22/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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: N/A
Telephone: N/A
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 10/08/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/04/2022
Number of Days to Update: 83

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/24/2022
Data Release Frequency: Annually

UST EL SEGUNDO: 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: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: 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: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: 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: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/04/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/29/2021
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/09/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 81

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 76
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

ML SACRAMENTO: 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: 08/02/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/02/2021
Number of Days to Update: 90
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: 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: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: 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: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: 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: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: 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: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: 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: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/11/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 89

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: 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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/04/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 02/27/2022
Data Release Frequency: Varies

HIST LUST SANTA CLARA: 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

LUST SANTA CLARA: 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: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: 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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: 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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: 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: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: 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: 09/29/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 79
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

LF VENTURA: 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: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: No Update Planned

LUST VENTURA: 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: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

MED WASTE VENTURA: 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: 09/29/2021
Date Data Arrived at EDR: 10/21/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 84
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/23/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 78
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
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: 11/11/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 81

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
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: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 and Wildlife
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

MESSICK BRIDGE REPLACEMENT PROJECT
NA
UNINCORPORATED COUNT, CA 95236

TARGET PROPERTY COORDINATES

Latitude (North):	38.052278 - 38ˆ 3’ 8.20’’
Longitude (West):	121.087472 - 121ˆ 5’ 14.90’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	667807.3
UTM Y (Meters):	4213136.5
Elevation:	102 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12021625 LINDEN, CA
Version Date:	2018

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 principle 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).

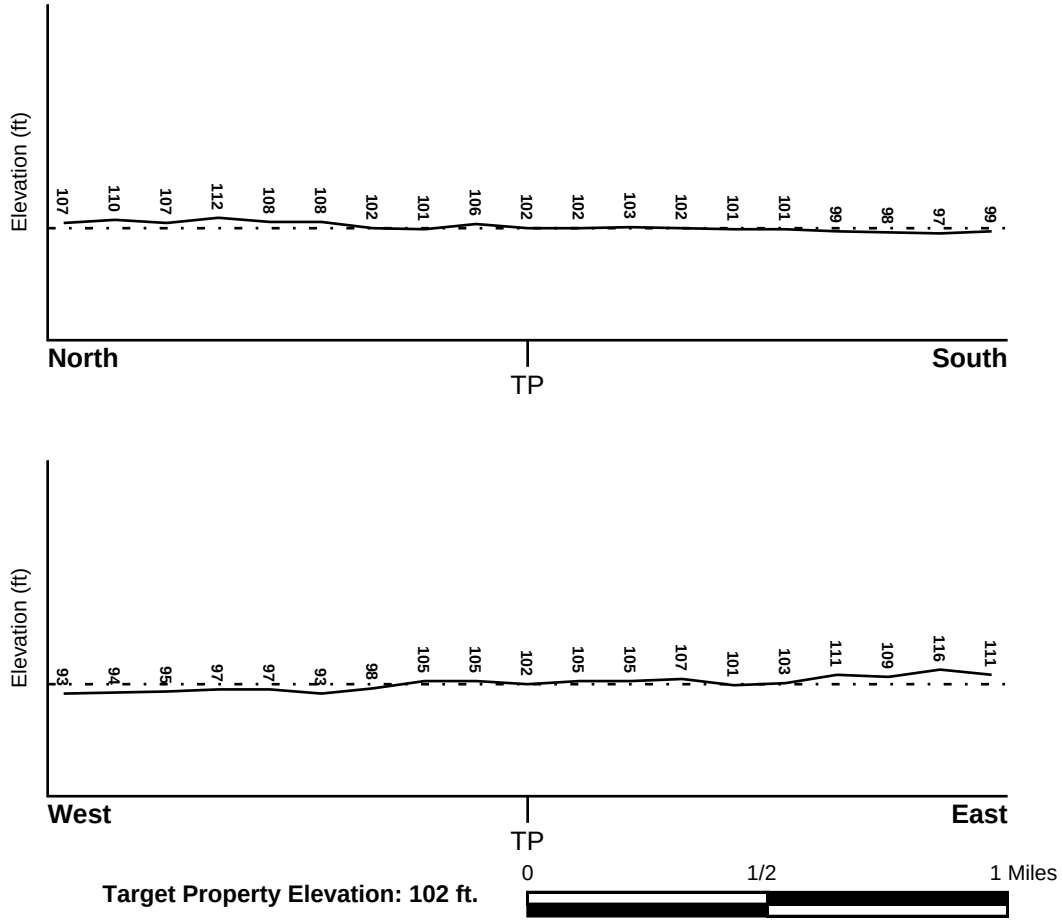
TOPOGRAPHIC INFORMATION

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 SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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
06077C0365F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06077C0355F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
LINDEN	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

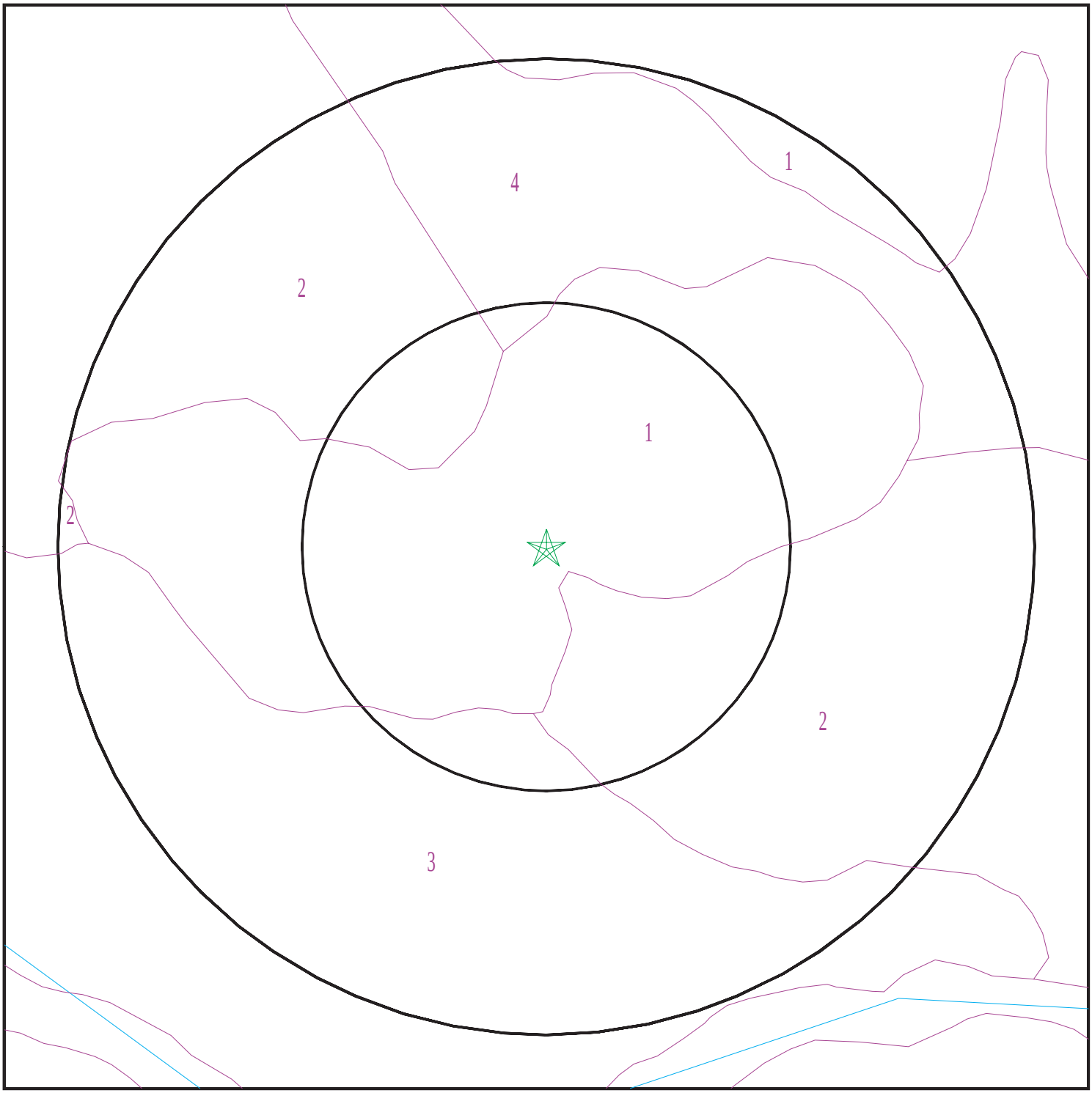
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

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 - 6844463.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Messick Bridge Replacement Project	CLIENT:	Michael Baker International
ADDRESS:	NA Unincorporated Count CA 95236	CONTACT:	Winnie Woo
LAT/LONG:	38.052278 / 121.087472	INQUIRY #:	6844463.2s
		DATE:	February 03, 2022 9:07 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: SAN JOAQUIN

Soil Surface Texture: sandy loam

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: Moderate

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	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:
2	9 inches	20 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:
3	20 inches	59 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: COGNA

Soil Surface Texture: fine sandy 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: 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	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	18 inches	38 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.4
3	38 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: COLUMBIA

Soil Surface Texture: fine sandy 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: Somewhat poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

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	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	11 inches	59 inches	stratified sand to silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1

Soil Map ID: 4

Soil Component Name: SAN JOAQUIN

Soil Surface Texture: loam

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: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE 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		
1	0 inches	16 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:
2	16 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:
3	25 inches	59 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:

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
1	USGS40000186738	0 - 1/8 Mile NNE
B8	USGS40000186709	1/2 - 1 Mile SW
C11	USGS40000186699	1/2 - 1 Mile SW
D14	USGS40000186683	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

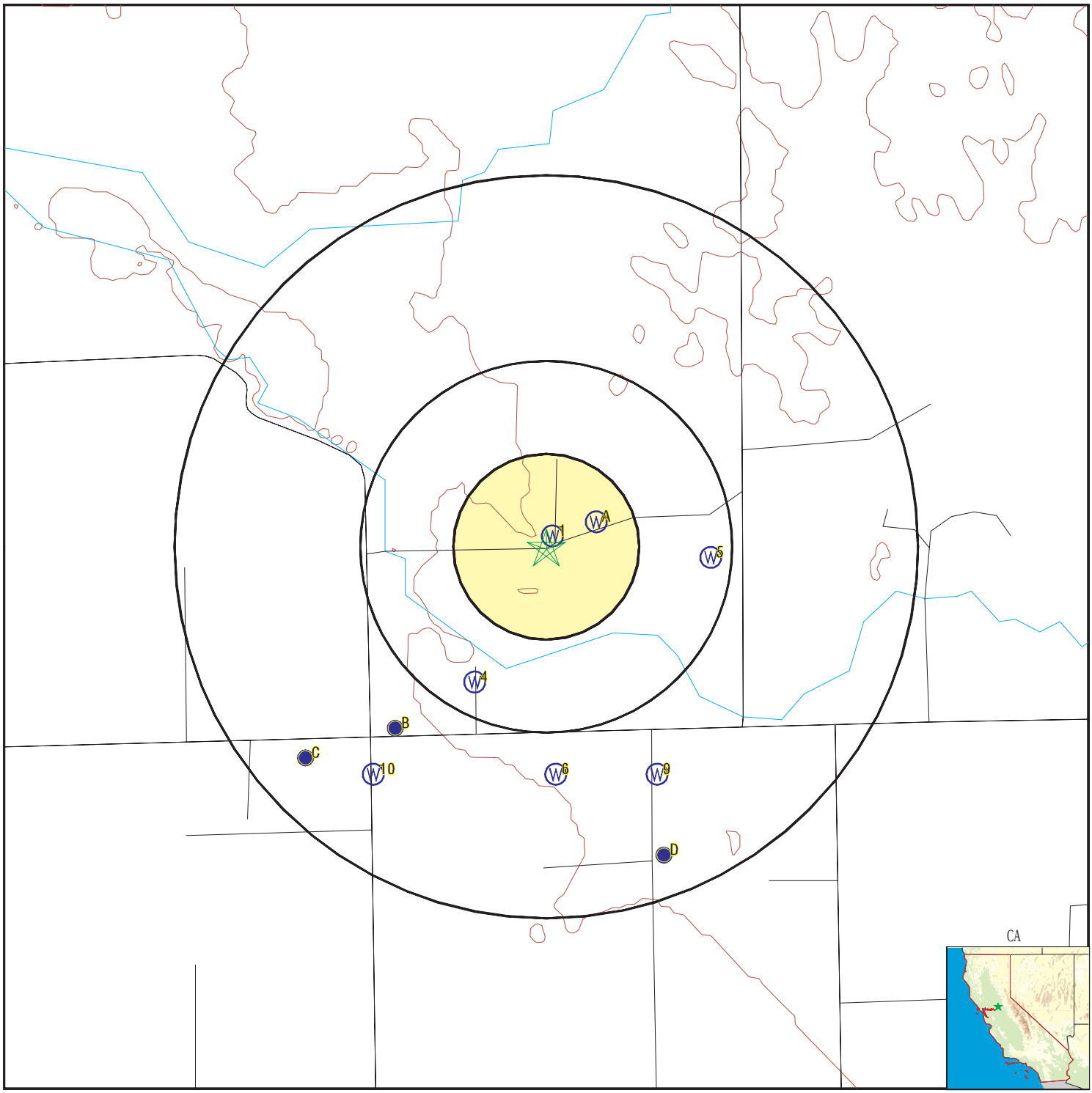
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	CADWR9000038228	1/8 - 1/4 Mile ENE
A3	CADWR0000011904	1/8 - 1/4 Mile ENE
4	CADWR0000000780	1/4 - 1/2 Mile SSW
5	1931	1/4 - 1/2 Mile East
6	CADWR0000031809	1/2 - 1 Mile South
B7	CAUSGSN00005398	1/2 - 1 Mile SW
9	CADWR0000037914	1/2 - 1 Mile SSE
10	CADWR0000004486	1/2 - 1 Mile SW
C12	CAUSGSN00008966	1/2 - 1 Mile SW
D13	CADWR9000038214	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 6844463.2s



0 1/4 1/2 1 Miles

- 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:	Messick Bridge Replacement Project	CLIENT:	Michael Baker International
ADDRESS:	NA Unincorporated Count CA 95236	CONTACT:	Winnie Woo
		INQUIRY #:	6844463.2s
LAT/LONG:	38.052278 / 121.087472	DATE:	February 03, 2022 9:07 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
NNE
0 - 1/8 Mile
Higher

FED USGS **USGS40000186738**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N008E03F002M	Type:	Well
Description:	Not Reported	HUC:	18040004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19610925	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	151
Well Hole Depth Units:	ft		

A2
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR9000038228**

State Well #:	02N08E03G002M	Station ID:	25678
Well Name:	02N08E03G002	Basin Name:	Eastern San Joaquin
Well Use:	Residential	Well Type:	Single Well
Well Depth:	125	Well Completion Rpt #:	Not Reported

A3
ENE
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR0000011904**

Well ID:	02N08E03G002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N08E03G002M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N08E03G002M&store_num=		
GeoTracker Data:	Not Reported		

4
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000000780**

Well ID:	02N08E03N001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N08E03N001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N08E03N001M&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

5
East
1/4 - 1/2 Mile
Higher

CA WELLS **1931**

Seq:	1931	Prim sta c:	02N/06E-04E01 M
Frds no:	3901131001	County:	39
District:	69	User id:	39C
System no:	3901131	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	380307.0	Longitude:	1210442.0
Precision:	3	Status:	AR
Comment 1:	N/S ELKHORN DRIVE STOCKTON CA 95209	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3901131	System nam:	Elkhorn Estates
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		
Sample date:	03-JAN-18	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-JAN-17	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JAN-16	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JAN-14	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

6
South
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000031809**

Well ID:	02N08E10C001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N08E10C001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N08E10C001M&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B7
SW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00005398**

Well ID:	USGS-380243121053801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-380243121053801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-380243121053801&store_num=		
GeoTracker Data:	Not Reported		

B8
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000186709**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N008E03N001M	Type:	Well
Description:	Not Reported	HUC:	18040004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Alluvial Fan Deposits	Aquifer Type:	Not Reported
Construction Date:	19640501	Well Depth:	302
Well Depth Units:	ft	Well Hole Depth:	475
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1964-05-01
Feet below surface:	95.00	Feet to sea level:	Not Reported
Note:	Not Reported		

9
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000037914**

Well ID:	02N08E10B001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N08E10B001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N08E10B001M&store_num=		
GeoTracker Data:	Not Reported		

10
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000004486**

Well ID:	02N08E09A001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N08E09A001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N08E09A001M&store_num=		

GeoTracker Data: Not Reported

C11
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000186699**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N008E09A001M	Type:	Well
Description:	Not Reported	HUC:	18040004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Alluvial Fan Deposits	Aquifer Type:	Not Reported
Construction Date:	19660126	Well Depth:	340
Well Depth Units:	ft	Well Hole Depth:	380
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1966-01-26
Feet below surface:	105.00	Feet to sea level:	Not Reported
Note:	Not Reported		

C12
SW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00008966**

Well ID:	USGS-380239121055401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-380239121055401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-380239121055401&store_num=		
GeoTracker Data:	Not Reported		

D13
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000038214**

State Well #:	02N08E10H002M	Station ID:	2084
Well Name:	02N08E10H002	Basin Name:	Eastern San Joaquin
Well Use:	Irrigation	Well Type:	Single Well
Well Depth:	460	Well Completion Rpt #:	39-491

D14
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000186683**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N008E10H002M	Type:	Well
Description:	Not Reported	HUC:	18040004

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19530101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1980-05-08
Feet below surface:	142.62	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95236	5	1

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 and Wildlife
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.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

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.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
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.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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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APPENDIX C:
DOCUMENTATION

This document is designed for double-sided printing to conserve natural resources.



Map Scale: 1:623 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 5 10 20 30

Feet
0 30 60 120 180

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Joaquin County, California
Survey Area Data: Version 15, Sep 9, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
237	San Joaquin sandy loam, 2 to 5 percent slopes	0.7	100.0%
Totals for Area of Interest		**0.7**	**100.0%**

CALIFORNIA - EPA Map of Radon Zones

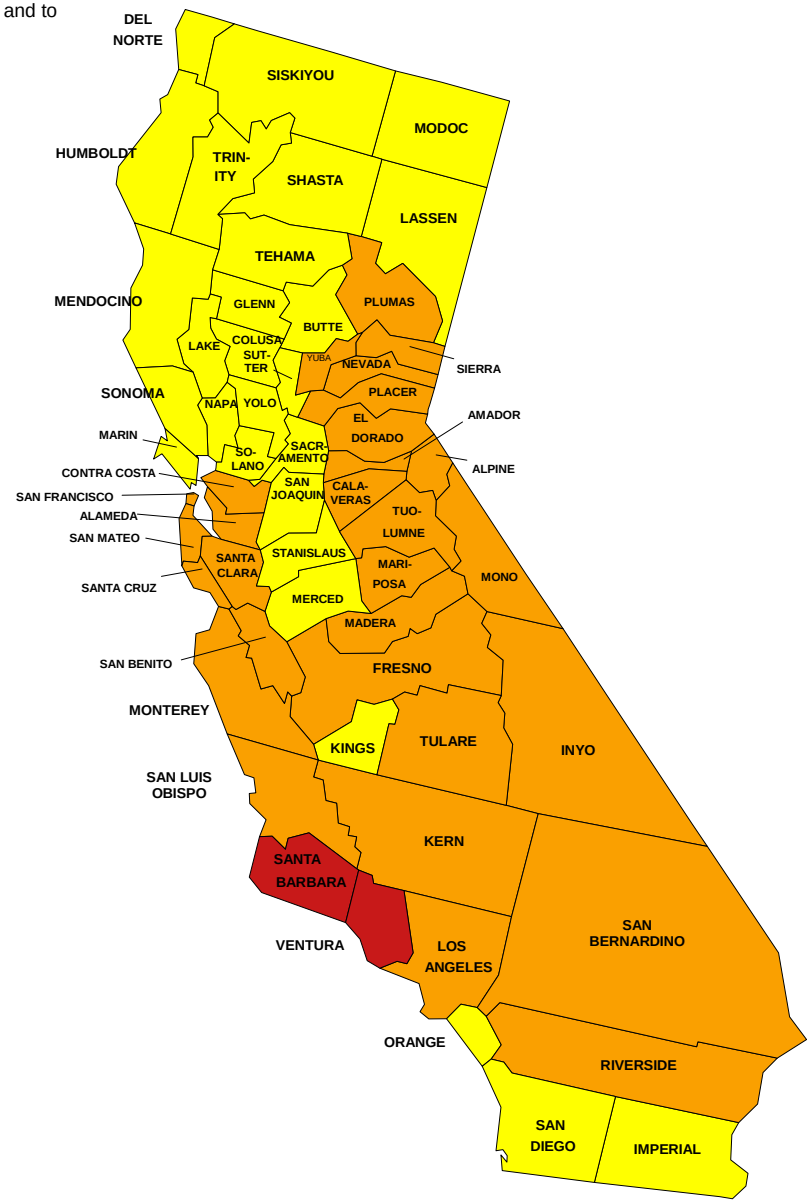
http://www.epa.gov/radon/zonemap.html

The purpose of this map is to assist National, State and local organizations to target their resources and to implement radon-resistant building codes.

This map is not intended to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones.

All homes should be tested, regardless of zone designation.

IMPORTANT: Consult the publication entitled "Preliminary Geologic Radon Potential Assessment of California" (USGS Open-file Report 93-292-I) before using this map. See http://energy.cr.usgs.gov/radon/grpinfo.html This document contains information on radon potential variations within counties. EPA also recommends that this map be supplemented with any available local data in order to further understand and predict the radon potential of a specific area.



Zone 1 Zone 2 Zone 3

National Flood Hazard Layer FIRMette

FEMA

121°5'34"W 38°3'22"N



121°4'56"W 38°2'54"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN — Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 — Cross Sections with 1% Annual Chance
- 17.5 — Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/1/2022 at 9:54 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Messick Bridge Replacement Project

NA

Unincorporated Count, CA 95236

Inquiry Number: 6844463.4

February 03, 2022

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

02/03/22

Site Name:

Messick Bridge Replacement F
NA
Unincorporated Count, CA 952
EDR Inquiry # 6844463.4

Client Name:

Michael Baker International
14725 Alton Parkway
Irvine, CA 92618
Contact: Winnie Woo

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Michael Baker International 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:

P.O.# NA

Project: Messick Bridge Replacement

Coordinates:

Latitude:	38.052278 38° 3' 8" North
Longitude:	-121.087472 -121° 5' 15" West
UTM Zone:	Zone 10 North
UTM X Meters:	667803.14
UTM Y Meters:	4213342.01
Elevation:	101.88' above sea level

Maps Provided:

2018	1939
2015	1908
2012	1894
1997	
1993	
1968	
1953	
1942	

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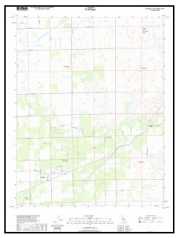
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Topo Sheet Key

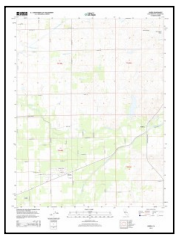
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Linden
2018
7.5-minute, 24000

2015 Source Sheets



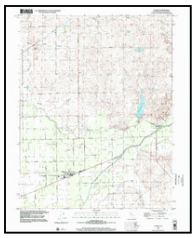
Linden
2015
7.5-minute, 24000

2012 Source Sheets



Linden
2012
7.5-minute, 24000

1997 Source Sheets



Linden
1997
7.5-minute, 24000

Topo Sheet Key

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

1993 Source Sheets



Linden
1993
7.5-minute, 24000
Aerial Photo Revised 1967

1968 Source Sheets



Linden
1968
7.5-minute, 24000
Aerial Photo Revised 1967

1953 Source Sheets



Linden
1953
7.5-minute, 24000
Aerial Photo Revised 1949

1942 Source Sheets



Bellota
1942
15-minute, 62500
Aerial Photo Revised 1939

Topo Sheet Key

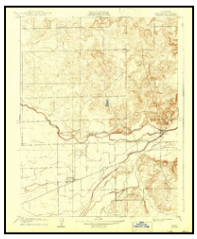
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1939 Source Sheets



Bellota
1939
15-minute, 62500
Aerial Photo Revised 1939

1908 Source Sheets



Linden
1908
7.5-minute, 31680

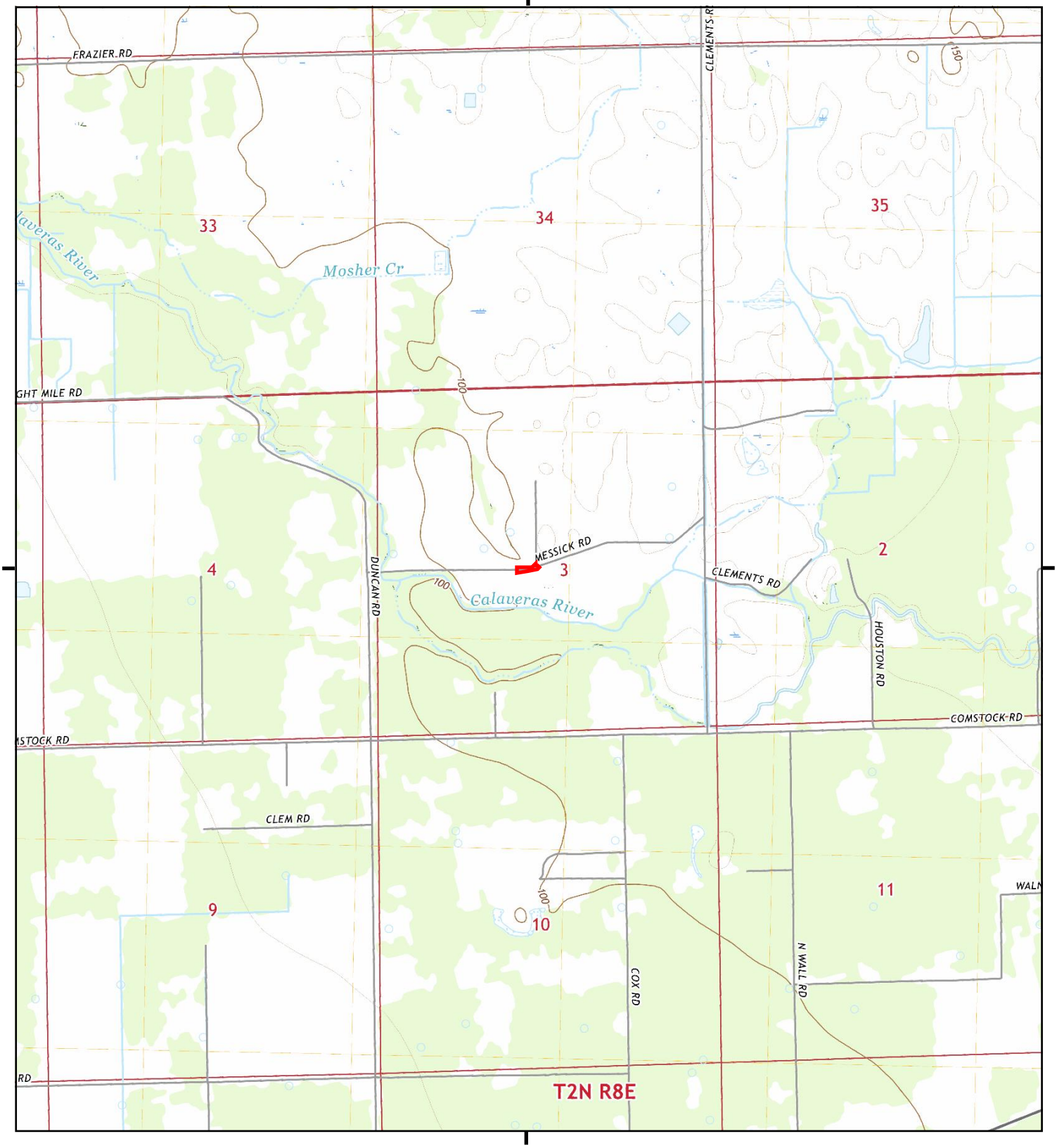
1894 Source Sheets



Lodi
1894
30-minute, 125000

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

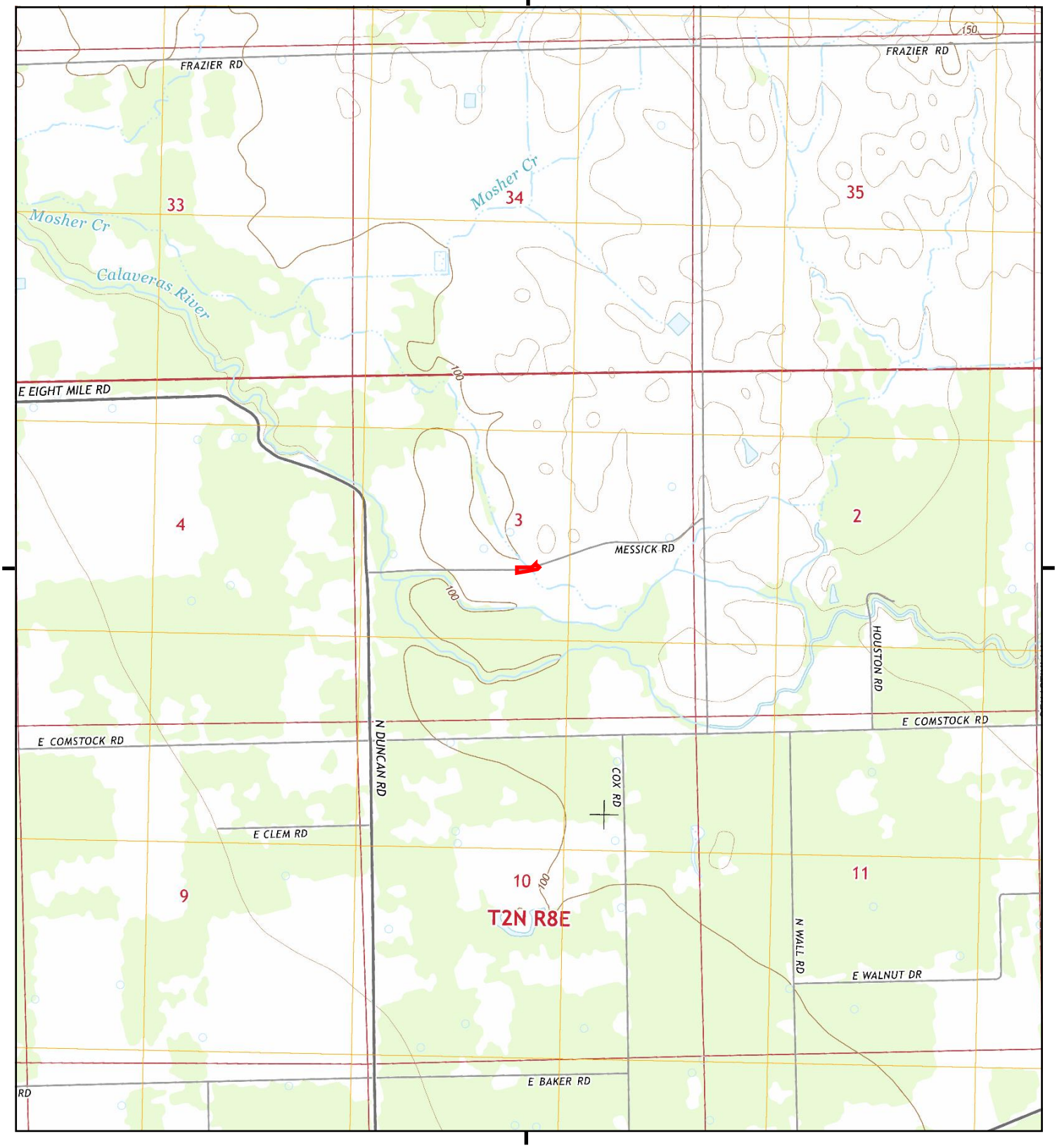
TP, Linden, 2018, 7.5-minute

SITE NAME: Messick Bridge Replacement Project
ADDRESS: NA
Unincorporated Count, CA 95236
CLIENT: Michael Baker International

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

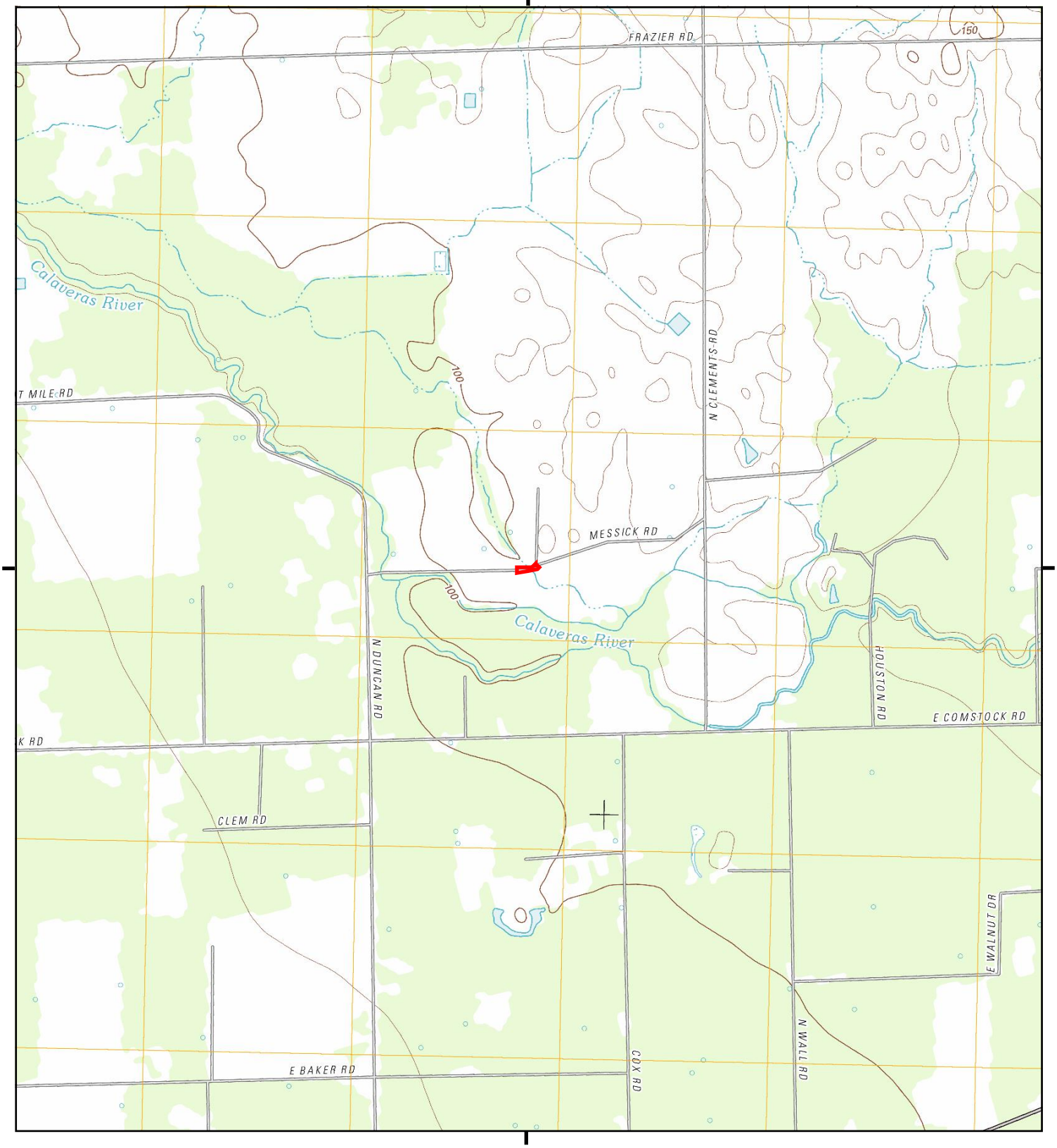
TP, Linden, 2015, 7.5-minute

SITE NAME: Messick Bridge Replacement Project
ADDRESS: NA
Unincorporated Count, CA 95236
CLIENT: Michael Baker International

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

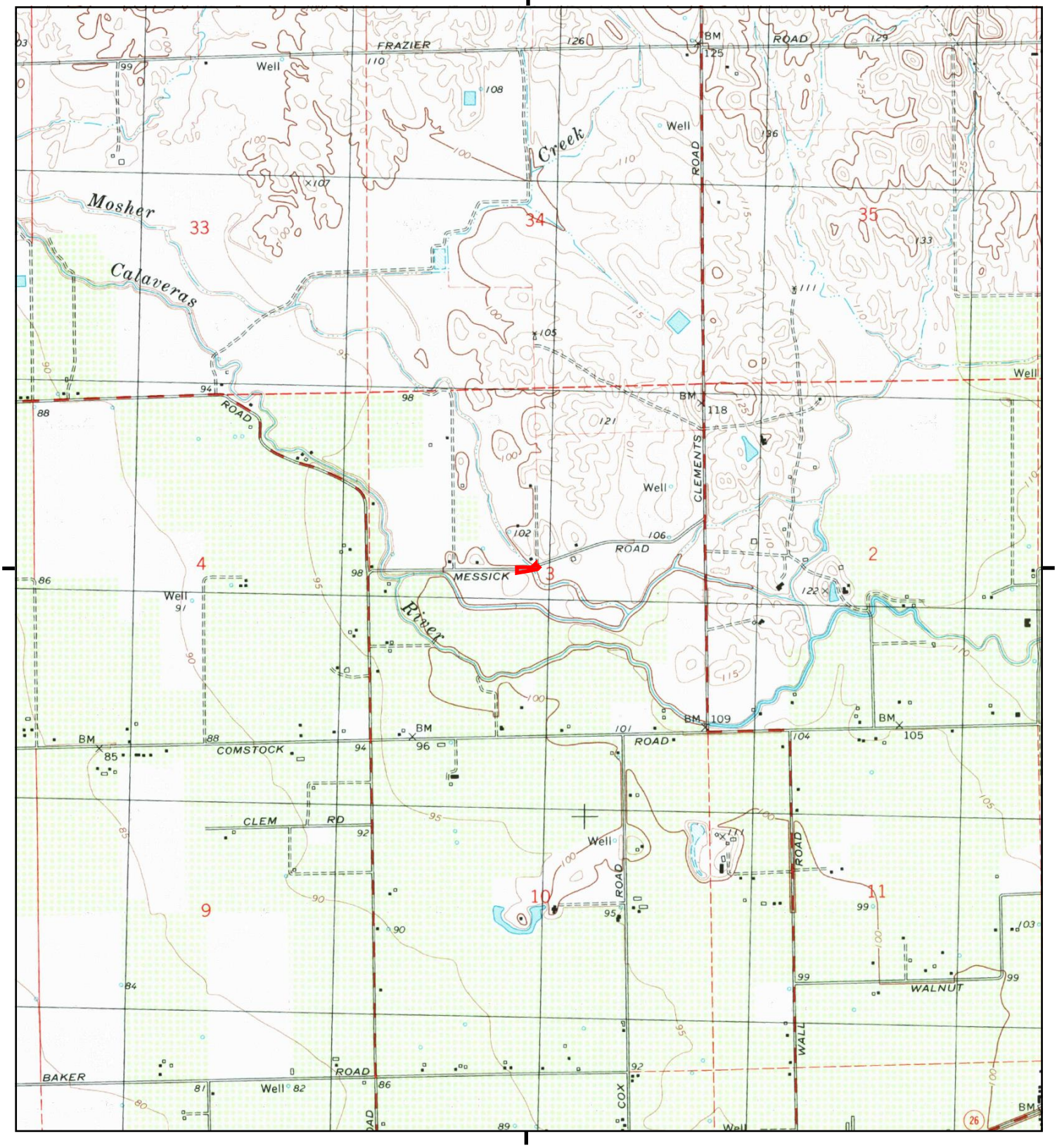
TP, Linden, 2012, 7.5-minute

SITE NAME: Messick Bridge Replacement Project
ADDRESS: NA
Unincorporated Count, CA 95236
CLIENT: Michael Baker International

N

Historical Topo Map

1997



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

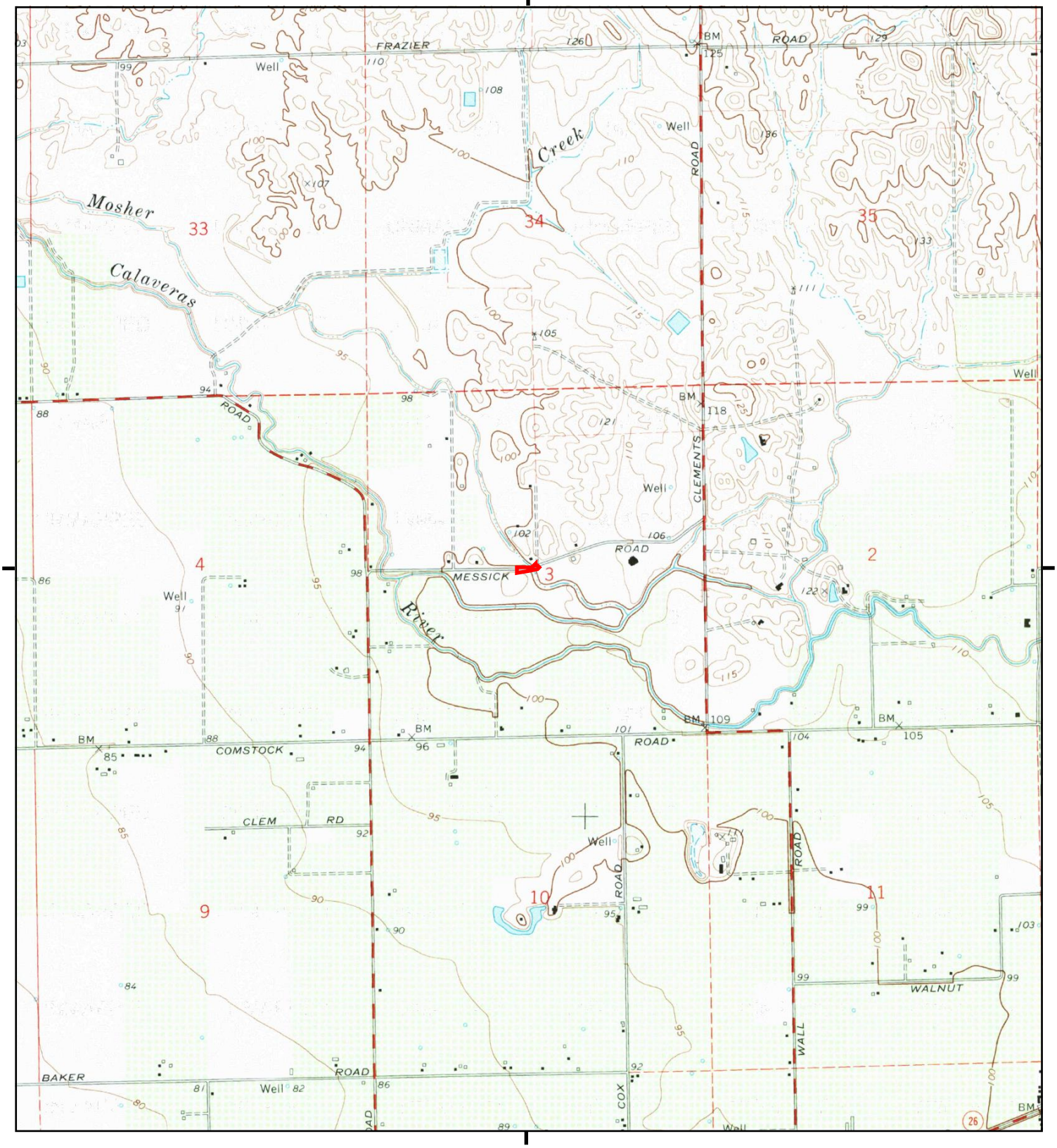
TP, Linden, 1997, 7.5-minute

SITE NAME: Messick Bridge Replacement Project
ADDRESS: NA
Unincorporated Count, CA 95236
CLIENT: Michael Baker International

N

Historical Topo Map

1993



This report includes information from the following map sheet(s).

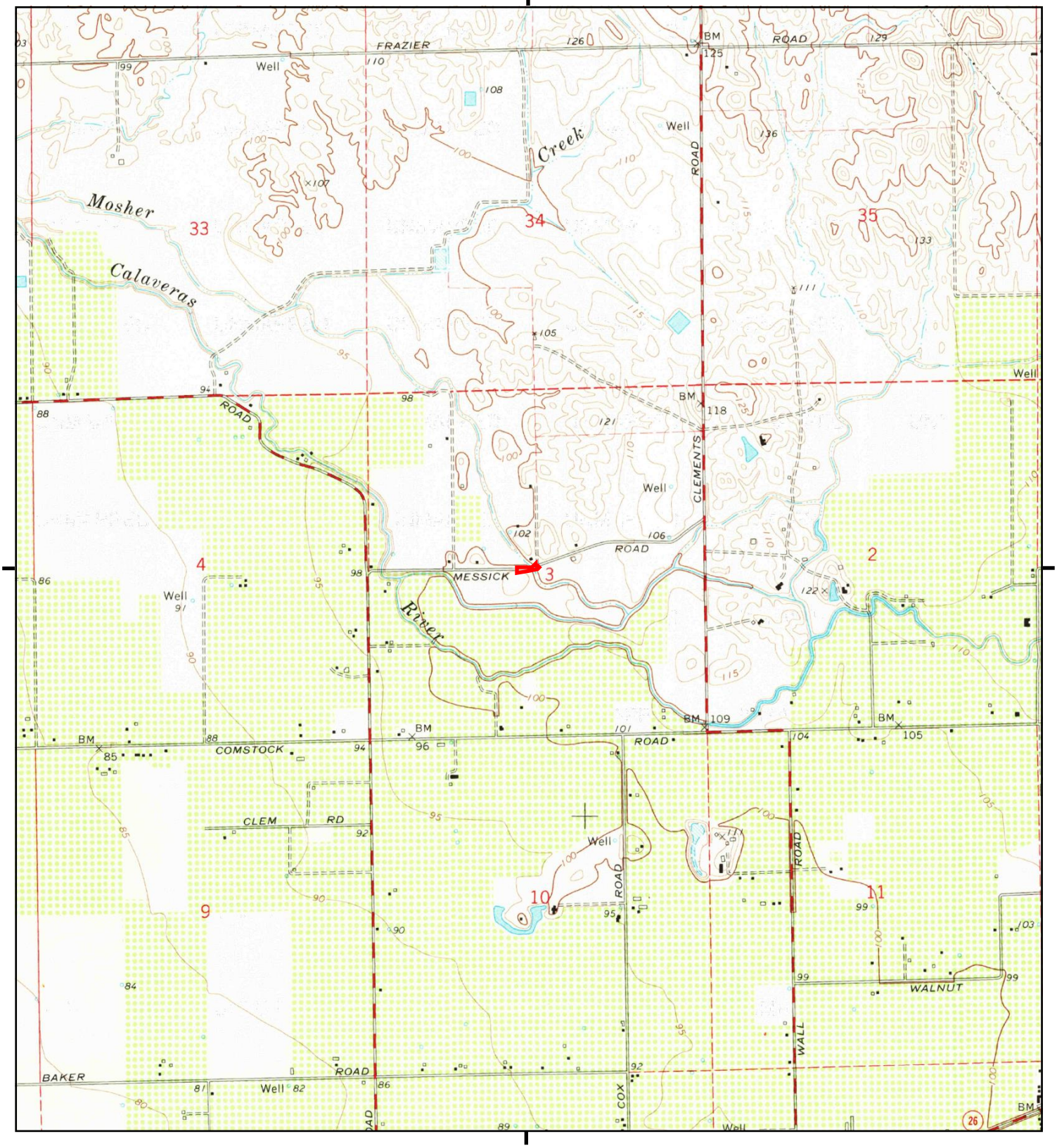
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Linden, 1993, 7.5-minute

SITE NAME: Messick Bridge Replacement Project
ADDRESS: NA
Unincorporated Count, CA 95236
CLIENT: Michael Baker International

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

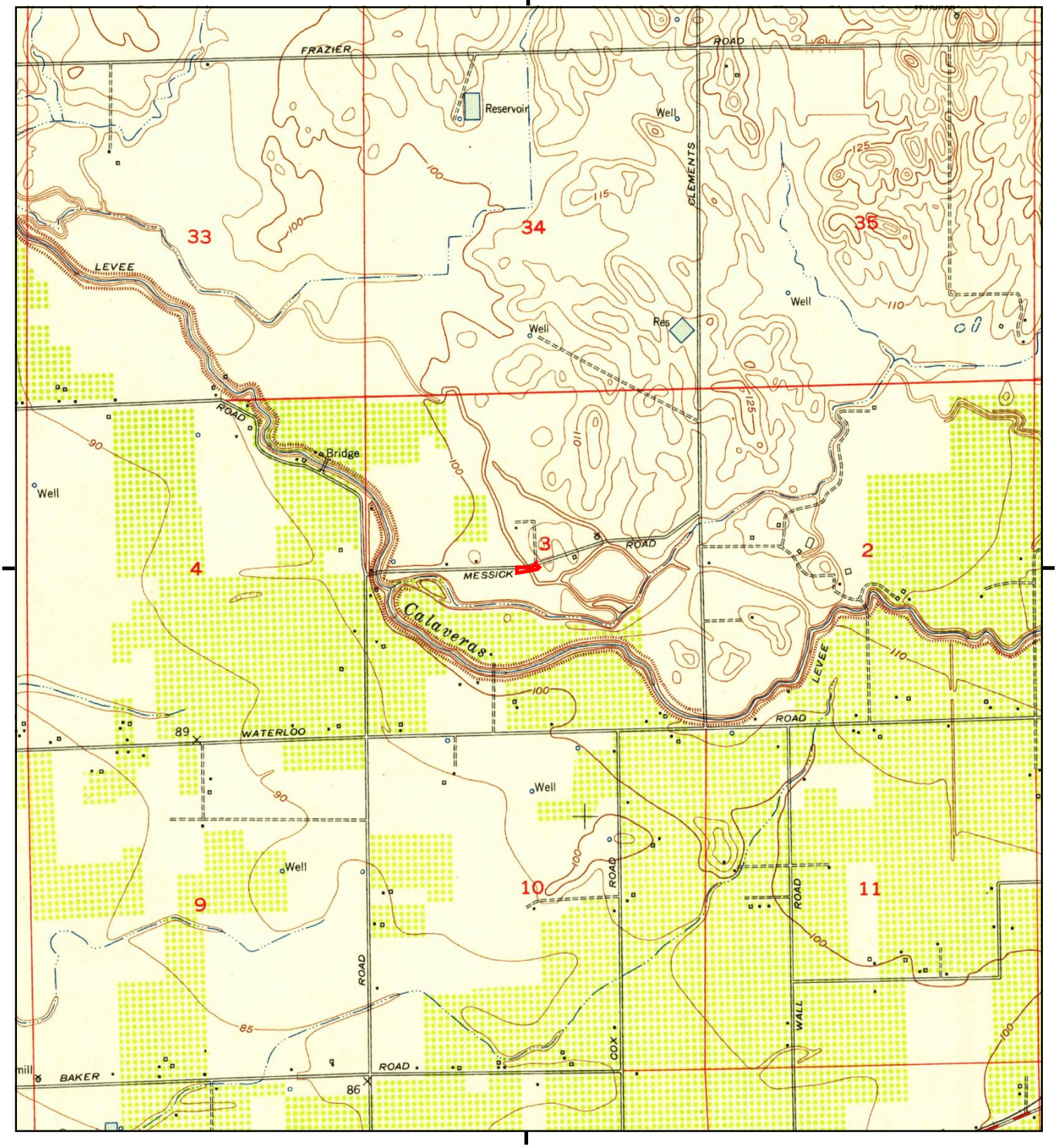
TP, Linden, 1968, 7.5-minute

SITE NAME: Messick Bridge Replacement Project
ADDRESS: NA
Unincorporated Count, CA 95236
CLIENT: Michael Baker International

N

Historical Topo Map

1953



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Linden, 1953, 7.5-minute

SITE NAME: Messick Bridge Replacement Project
ADDRESS: NA
Unincorporated Count, CA 95236
CLIENT: Michael Baker International

N

Historical Topo Map

1942



This report includes information from the following map sheet(s).

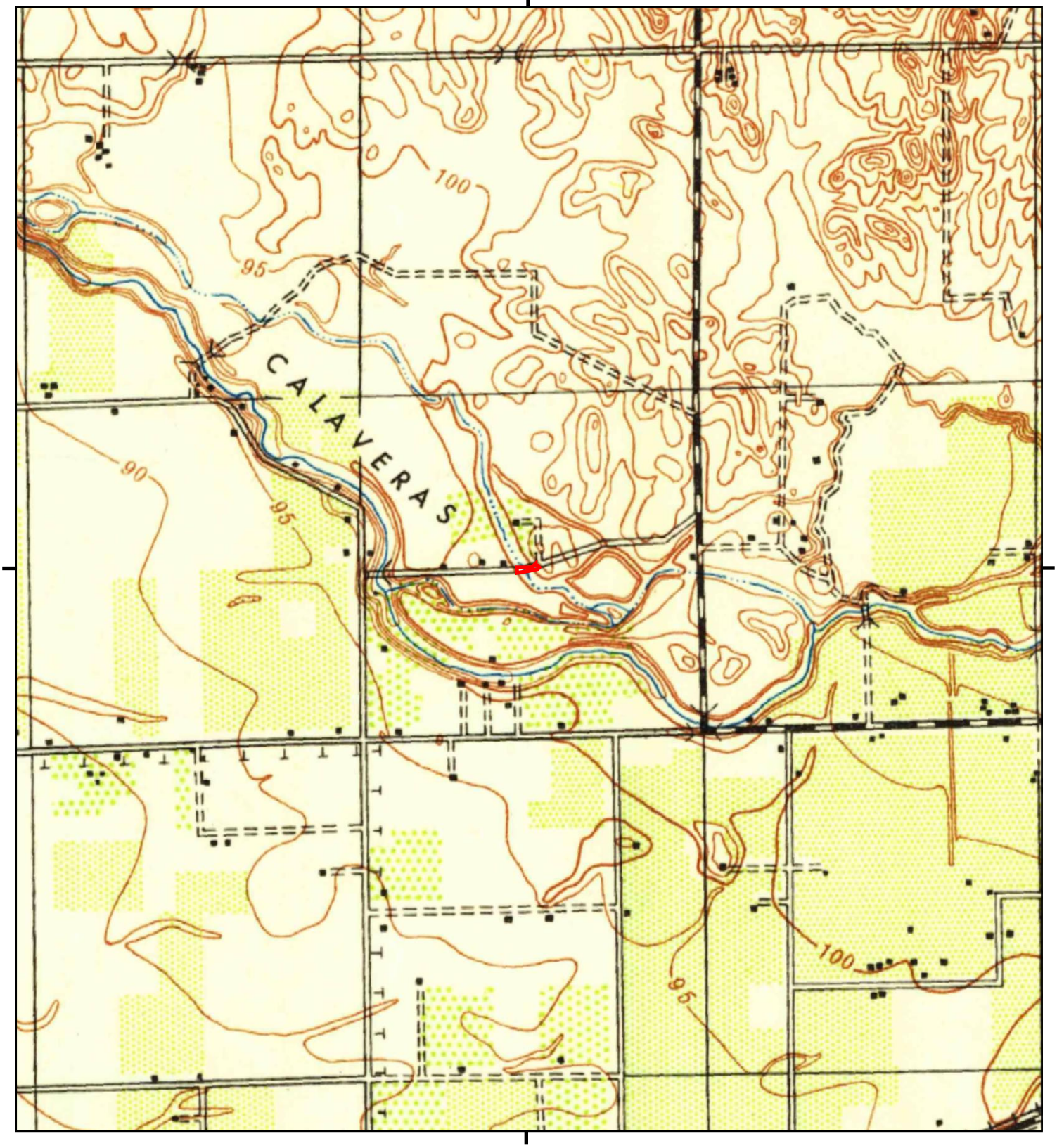
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Bellota, 1942, 15-minute

SITE NAME: Messick Bridge Replacement Project
ADDRESS: NA
Unincorporated Count, CA 95236
CLIENT: Michael Baker International

N



This report includes information from the following map sheet(s).

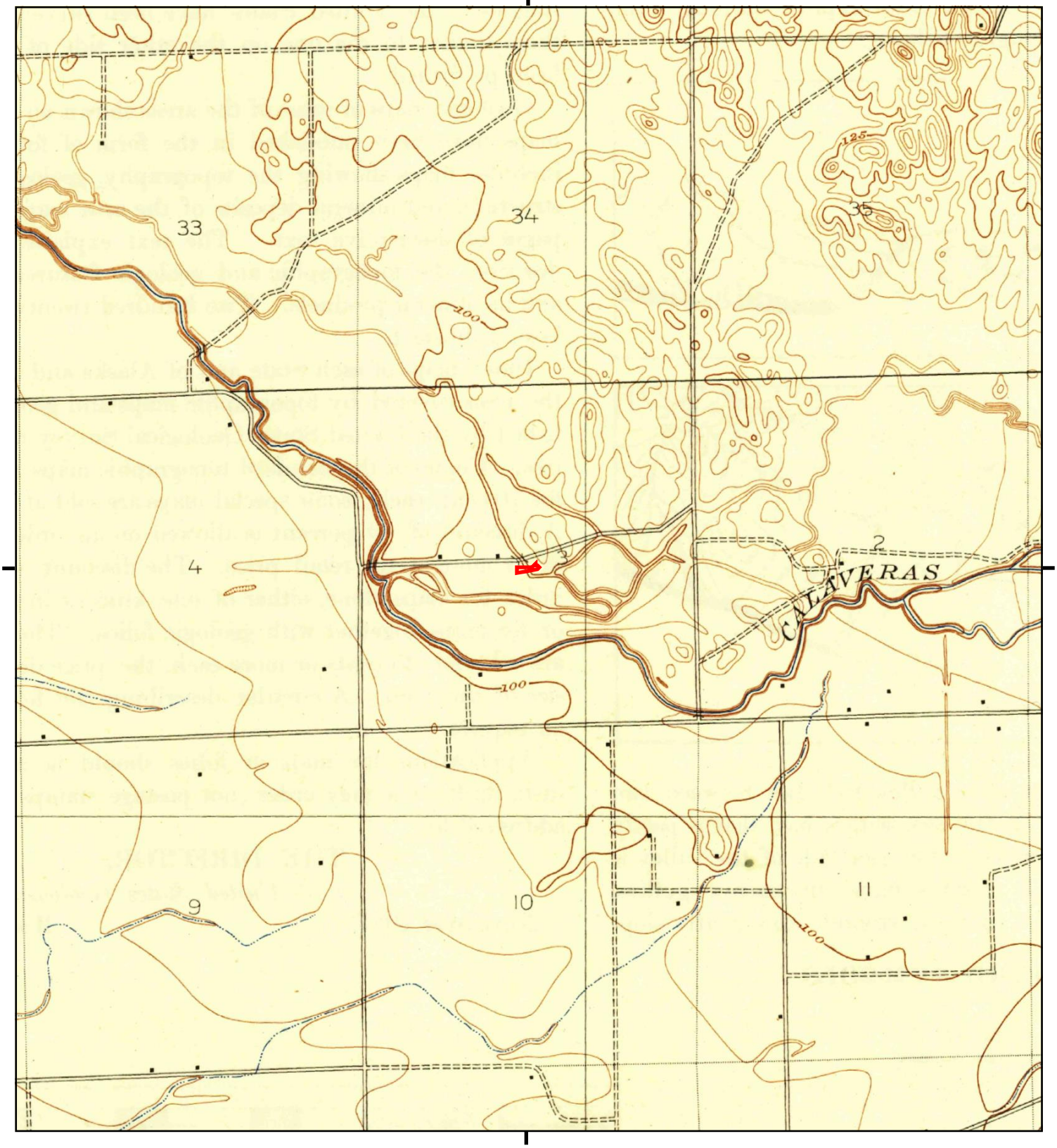
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Bellota, 1939, 15-minute

SITE NAME: Messick Bridge Replacement Project
ADDRESS: NA
Unincorporated Count, CA 95236
CLIENT: Michael Baker International

N



This report includes information from the following map sheet(s).

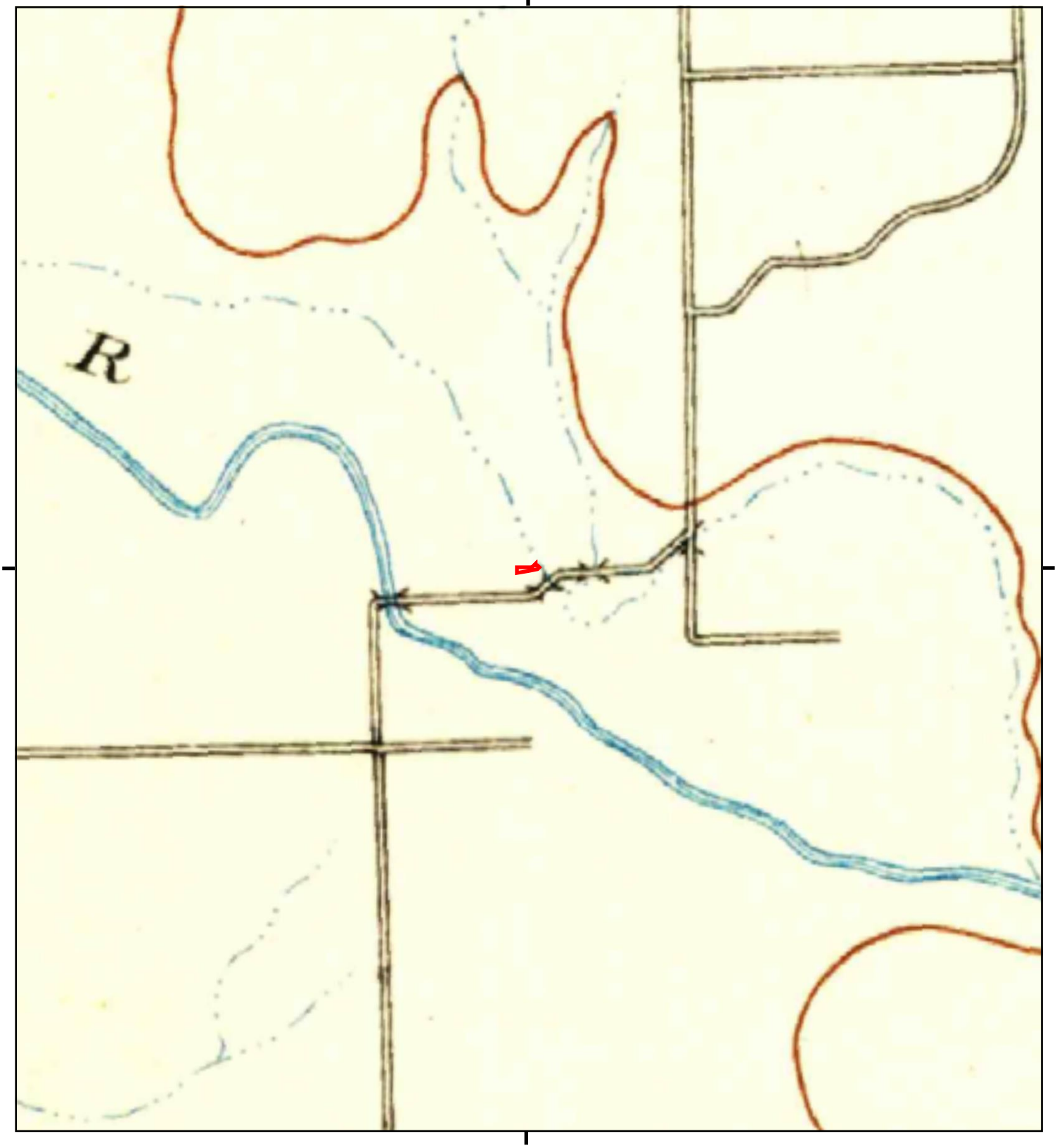
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Linden, 1908, 7.5-minute

SITE NAME: Messick Bridge Replacement Project
ADDRESS: NA
Unincorporated Count, CA 95236
CLIENT: Michael Baker International

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Lodi, 1894, 30-minute

SITE NAME: Messick Bridge Replacement Project
ADDRESS: NA
Unincorporated Count, CA 95236
CLIENT: Michael Baker International

N

Messick Bridge Replacement Project

NA

Unincorporated Count, CA 95236

Inquiry Number: 6844463.8

February 03, 2022

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

02/03/22

Site Name:

Messick Bridge Replacement F
NA
Unincorporated Count, CA 952
EDR Inquiry # 6844463.8

Client Name:

Michael Baker International
14725 Alton Parkway
Irvine, CA 92618
Contact: Winnie Woo

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
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1993	1"=500'	Flight Date: May 22, 1993	USGS
1984	1"=500'	Flight Date: June 08, 1984	USDA
1975	1"=500'	Flight Date: November 11, 1975	Cartwright
1972	1"=500'	Flight Date: September 08, 1972	USGS
1968	1"=500'	Flight Date: May 01, 1968	USGS
1963	1"=500'	Flight Date: June 03, 1963	USDA
1957	1"=500'	Flight Date: July 04, 1957	USDA
1941	1"=500'	Flight Date: January 27, 1941	USGS
1937	1"=500'	Flight Date: August 15, 1937	USDA

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INQUIRY #: 6844463.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 6844463.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 6844463.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 6844463.8
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 6844463.8
YEAR: 1993
= 500'
N
EDR



INQUIRY #: 6844463.8

YEAR: 1984

= 500'

N

EDR



INQUIRY #: 6844463.8

YEAR: 1975

= 500'

N

EDR



INQUIRY #: 6844463.8

YEAR: 1972

= 500'

N

EDR



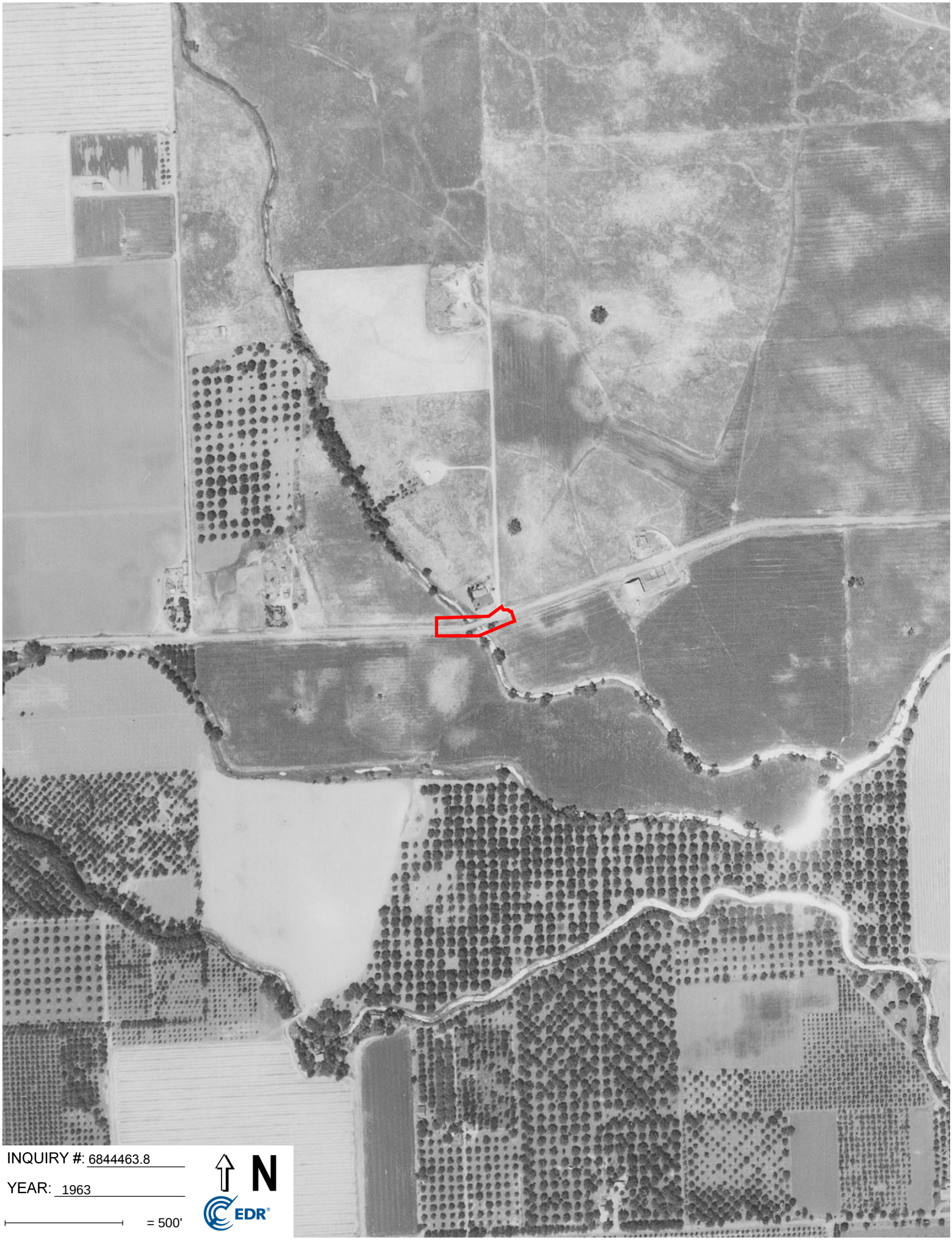
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YEAR: 1968

= 500'

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EDR



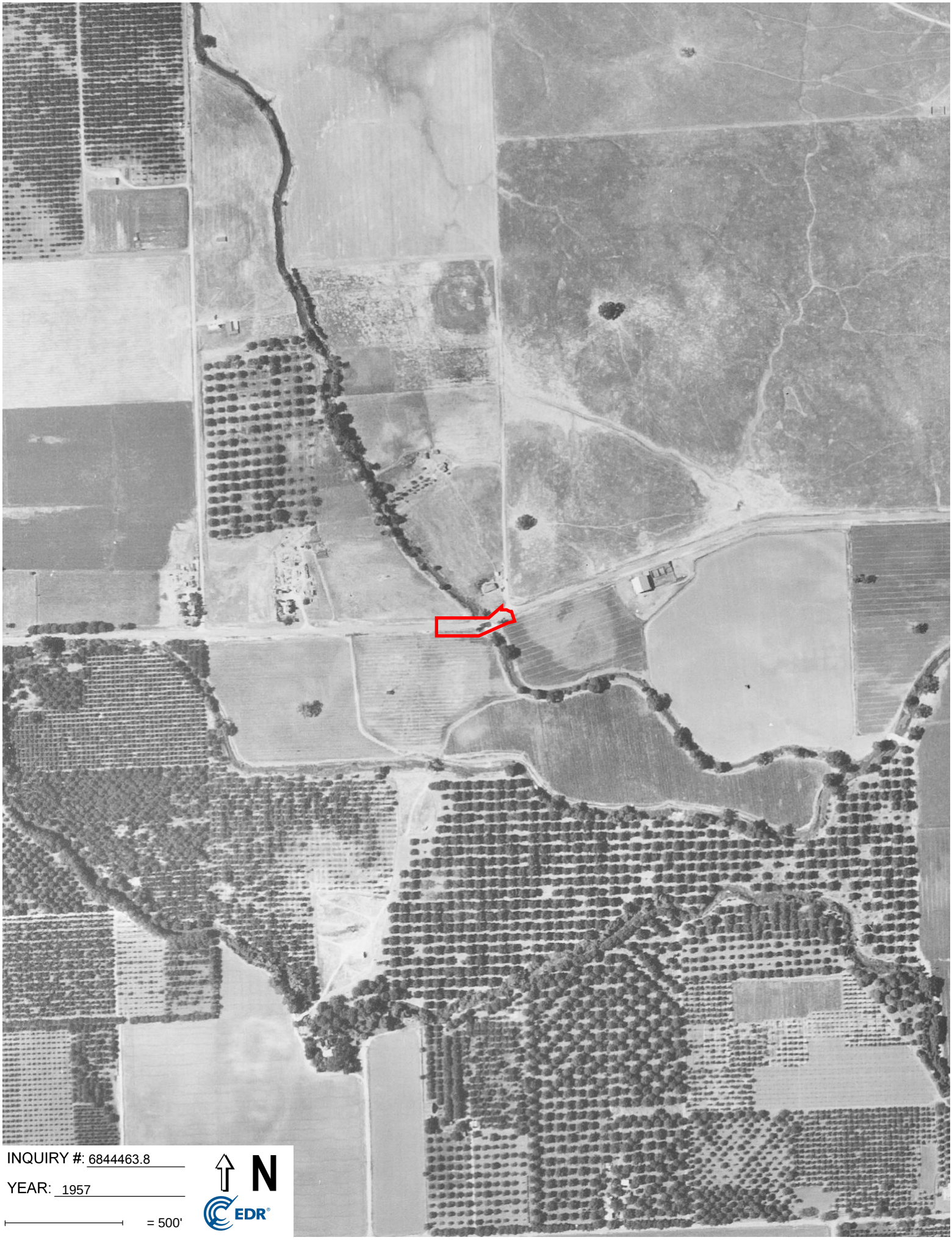
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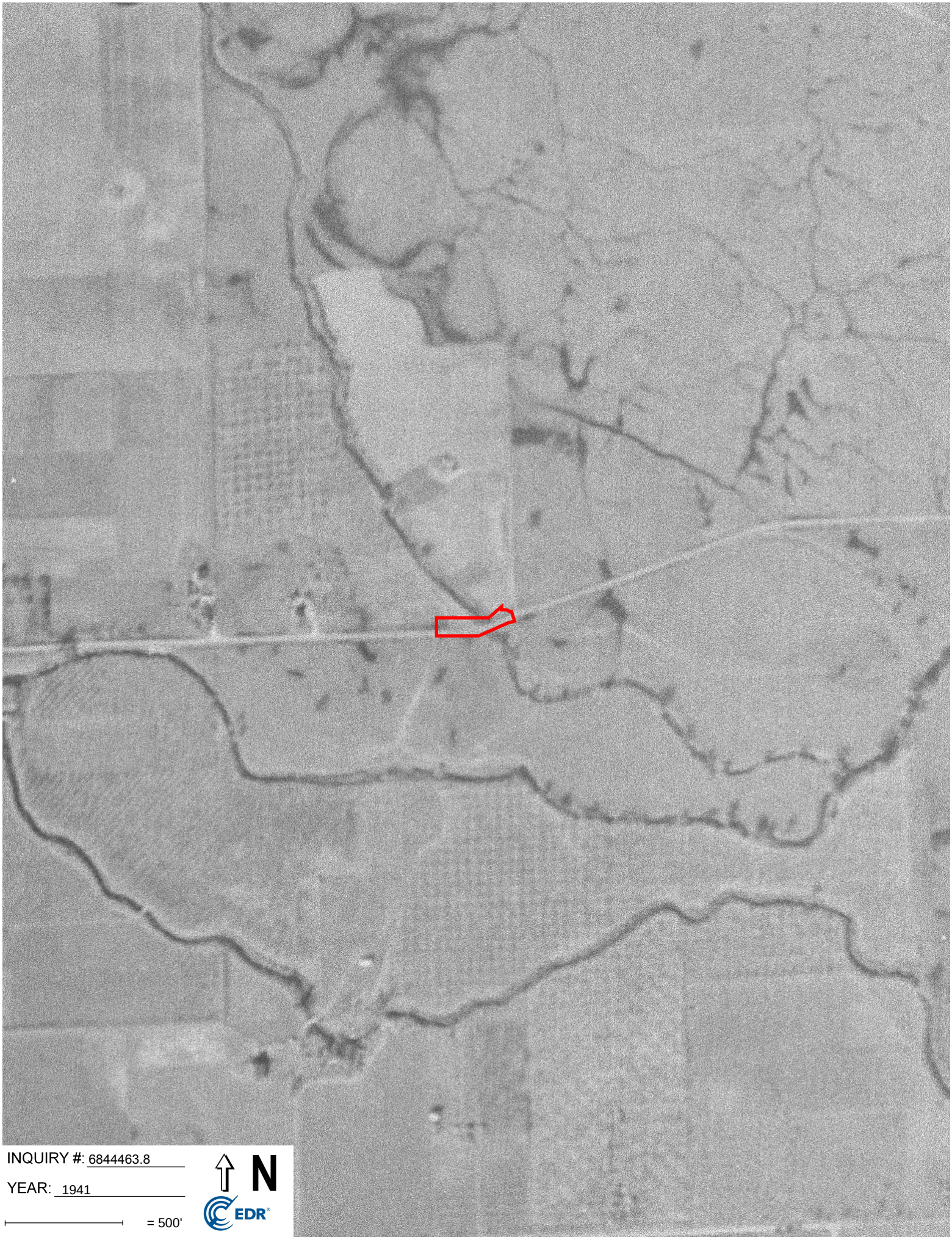
YEAR: 1963

= 500'

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EDR


INQUIRY #: 6844463.8
YEAR: 1957
= 500'
N
EDR



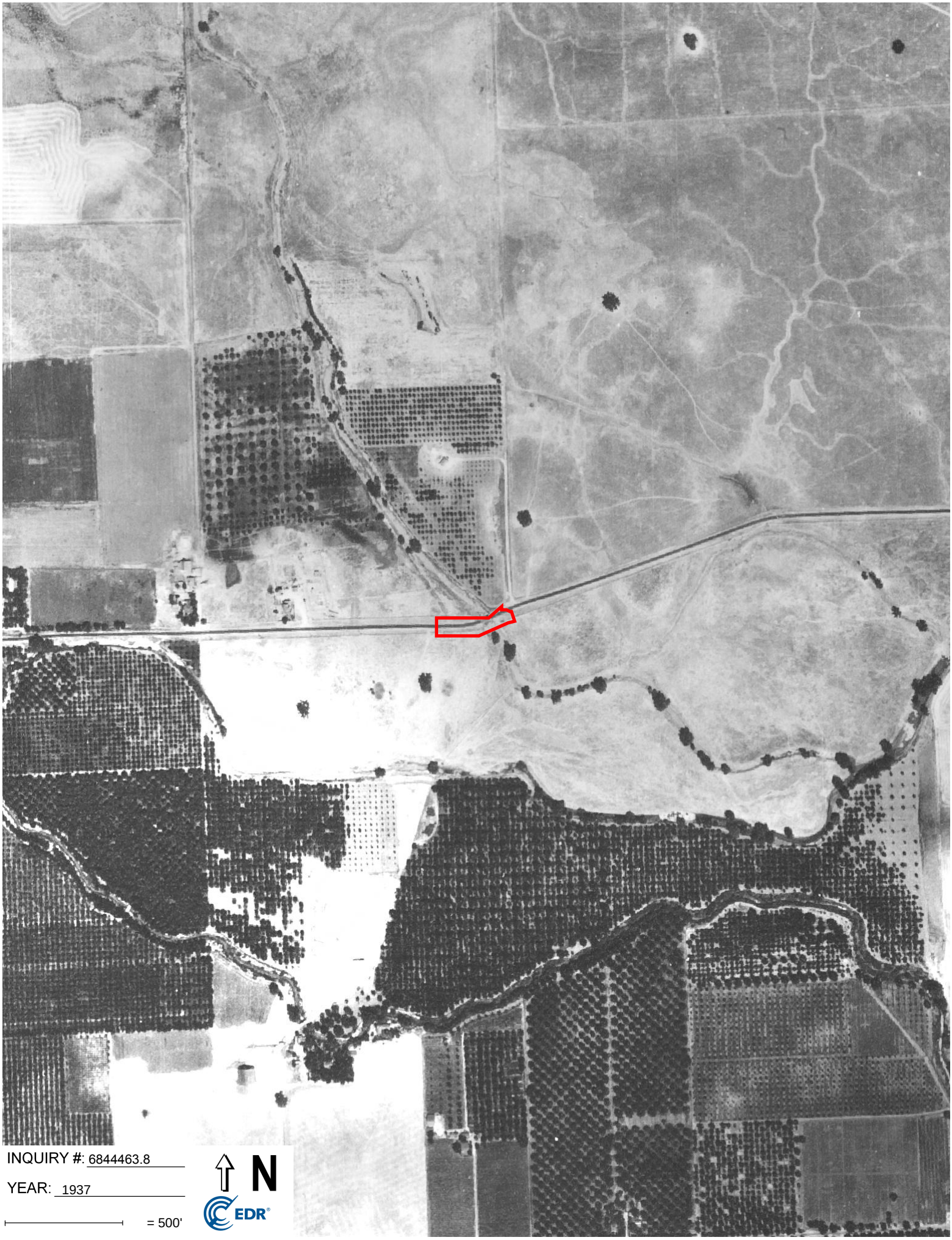
INQUIRY #: 6844463.8

YEAR: 1941

= 500'

N

EDR



INQUIRY #: 6844463.8

YEAR: 1937

= 500'

N

EDR

Messick Bridge Replacement Project
NA
Unincorporated Count, CA 95236

Inquiry Number: 6869298.1
February 24, 2022

The EDR-City Directory Image Report

EDR® 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

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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.

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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Data by
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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
2017	☐	☑	EDR Digital Archive
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
1981	☐	☑	Haines Criss-Cross Directory
1977	☐	☑	Haines Criss-Cross Directory
1974	☐	☑	Haines Criss-Cross Directory
1971	☐	☑	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

NA
Unincorporated Count, CA 95236

No Addresses Found

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
E COMSTOCK RD		
2017	pg. A1	EDR Digital Archive
2014	pg. A3	EDR Digital Archive
2010	pg. A6	EDR Digital Archive
2005	pg. A9	EDR Digital Archive
2000	pg. A12	EDR Digital Archive
1995	pg. A14	EDR Digital Archive
1992	pg. A16	EDR Digital Archive
1985	pg. A18	Haines Criss-Cross Directory
1981	pg. A20	Haines Criss-Cross Directory
1977	pg. A22	Haines Criss-Cross Directory
1974	pg. A24	Haines Criss-Cross Directory
1974	pg. A25	Haines Criss-Cross Directory
1971	pg. A27	Haines Criss-Cross Directory
E MESSICK RD		
1995	pg. A15	EDR Digital Archive
MESSICK RD		
2017	pg. A2	EDR Digital Archive
2014	pg. A5	EDR Digital Archive
2010	pg. A8	EDR Digital Archive
2005	pg. A11	EDR Digital Archive
2000	pg. A13	EDR Digital Archive
1992	pg. A17	EDR Digital Archive
1985	pg. A19	Haines Criss-Cross Directory
1981	pg. A21	Haines Criss-Cross Directory
1977	pg. A23	Haines Criss-Cross Directory
1974	pg. A26	Haines Criss-Cross Directory

FINDINGS

Year	***CD Image***	***Source***
1971	pg. A28	Haines Criss-Cross Directory

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E COMSTOCK RD 2017

13777	BARR, BRYAN J
14125	ARIZA, CARMEN L
14290	ANDERSONBARNGROVER RANCH CO
14625	LAGORIO, JEFFREY
14801	BEVILAQUA, PATTY A
14892	GROPPE, ARTHUR D
14999	VERREAUX, CARLIN
15271	HANSEN, RYAN G
15559	KAISER, RONALD F
15672	SANDOR, FRANCES
16283	MARQUEZ, GONZALO
16295	SALCEDO, NATIVIDAD
16360	MILLER, JENNIFER R
16455	MAULHARDT, ROBERT L
16461	PRIMA FRUTTA PACKING COMPANY
	PRIMAVERA MARKETING INC
	SAMBADO A & SON INC
16599	A SAMBADO & SONS INC
	GONZALEZ, IXCHEL
16820	AVANSINO, JOE A
16892	DUNAJSKI, GEORGE J
16911	RUIZ, MIGUEL
16930	DONDERO, ALBERT J
17080	MATHIS, DAN R
17432	CANALES, ARIANA
17662	GUZMAN, JOSE L
17664	OVIEDO, MARCO
17700	MY BARK CO INC
17701	VACCAREZZA, ALBERT J
17887	CRUZ, JULIA
18133	BARBAGELATA, LOUIS A
18380	VACCAREZZA, SILVIO
18501	BOCKMON, JEFFERY J
18585	BROWN, DUANE R
18587	SIMMONS, JANELLE R
18857	GIANNECCHINI, SUSAN M
19271	POZOS, ARELI
19851	SLATON, JOSEPH M
19893	COSTIGLIOLO, BRYAN D
19909	BOTSFORD, ALEXANDER
20190	MILLER, DAVID B
20195	ALTAMIRANO, JOSE R
20600	BRISCO, BRENDA
20799	GENETTI, ALLEN L
20811	GOGNA, DREW
20913	PEZZONI, GREG R
	WOODNARTS
21018	MERNER, KATHLEEN S
21121	GONZALEZ, CARLOS S
21692	SCOTT, LYNDSEY

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MESSICK RD 2017

18011 NAVARRO, FRANCISCO R
18377 FREGIEN, LAURIE D
18757 CRUZ, CANDIDO
18765 HAMPTON, BRYAN D
18777 PETERSON, CHARLES F
18955 ODREGON, GLAFIRA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E COMSTOCK RD 2014

13777	BARR, CLAUDIA B
14063	MILLER, DAVID B
14125	MARTINEZ, CARMEN L
14211	ROACH, CANDACE L
14290	ANDERSON BARNGROVER RANCH CO
14351	LAGORIO, VICTOR C
14367	LAGORIO, JEFF
14625	LAGORIO, VICTOR A
14801	CASH, JIM L
14892	GROPPE, ARTHUR D
14999	VERREAUX, CARLIN
15271	HANSEN, RYAN G
15285	OCCUPANT UNKNOWN,
15672	GIROLAMI, GRANT E
15850	ZOLEZZI, MARIA A
16283	MARQUEZ, GONZALO
16360	MILLER, JENNIFER R
16455	SAMBADO LAWRENCE
16461	PRIMA FRUTTA PACKING COMPANY
	PRIMAVERA MARKETING INC
	SUMMERS, GARY
16485	SALCEDO, NATIVIDAD
16599	A SAMBADO & SONS INC
	GOMEZ, FELIPE D
16788	AVANSINO, RAYMOND J
16892	GOINS, DAVID L
16911	GIANNECCHINI, GARY R
16930	DONDERO, ALBERT J
17080	MATHIS, BETTY R
17432	MARQUEZ, JAIME
17662	GUZMAN, JOSE L
17664	OVIEDO, MARCO
17700	MY BARK CO INC
17701	VACCAREZZA, ALBERT J
17703	VACCAREZZA, JOHNNY
17887	CRUZ, JULIA
18133	BARBAGELATA, LOUIS A
18380	VACCAREZZA, MARVIN S
18501	BOCKMON, JEFFERY J
18585	BROWN, DUANE R
18587	OCCUPANT UNKNOWN,
18857	GIANNECCHINI, SUSAN M
19271	POZOS, ARELI
19283	OCCUPANT UNKNOWN,
19747	OCCUPANT UNKNOWN,
19851	SLATON, JOSEPH M
19893	COSTIGLIOLO, BRYAN D
19909	BOTSFORD, JAMES E
20190	OCCUPANT UNKNOWN,
20195	ALTAMIRANO, JOSE R

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E COMSTOCK RD 2014 (Cont'd)

20300 VICENTE, FLORIDA
20600 OCCUPANT UNKNOWN,
20799 GENETTI, ALLEN L
20811 GOGNA, DREW
20913 OREILLY, ERIN C
21014 MERNER, DEVIN A
21101 JIMENEZ, JAIRO
21121 GONZALEZ, CARLOS S

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MESSICK RD 2014

18011 MORENO, YOLANDA
18365 MESSICK, JAMES E
18377 FREGIEN, LAURIE D
18757 OCCUPANT UNKNOWN,
18765 HAMPTON, BRYAN D
18777 PETERSON, CHARLES F
18955 QUINONEZ, PRISSILA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E COMSTOCK RD 2010

13777 PARKER, BILL R
14063 MILLER, RICHARD B
14125 ROWAND, ROSS E
14211 AVANSINO, JAMES R
14290 ANDERSON, RANDY
ANDERSONBARNGROVER RANCH CO
14351 LAGORIO, VICTOR C
14367 LAGORIO, JESSIKA
14625 OCCUPANT UNKNOWN,
14892 GROPPE, ARTHUR D
14999 BRYAN, DONALD W
15271 HANSEN, RYAN G
15285 OCCUPANT UNKNOWN,
15672 GIROLAMI FARMS
WESTRA, EARL H
15850 ZOLEZZI, MARVIN V
16283 MARQUEZ, GONZALO
16360 MILLER, NANCY J
16455 OCCUPANT UNKNOWN,
16461 INFANTE, Y
16485 SALCEDO, NATIVIDAD
16599 GOMEZ, FELIPE D
16788 OCCUPANT UNKNOWN,
16820 AVANSINO, RAYMOND J
16911 OCCUPANT UNKNOWN,
16930 DONDERO, ALBERT J
17010 SPICER, REVELLA
17080 MATHIS, DAN
17420 PRIMA, FRUTTA P
17432 MARTINEZ, MARIA J
17662 CONTRERAS, JORGE
17664 OCCUPANT UNKNOWN,
17701 VACCAREZZA, ALBERT J
17703 VACCAREZZA, JOHNNY
17887 CRUZ, JULIA
18133 BARBAGELATA, LOUIS A
18380 VACCAREZZA, MARVIN S
18501 BOCKMON, JEFFERY J
18589 OCCUPANT UNKNOWN,
18689 GIANNECCHINI, SUSAN M
18857 GIANNECCHINI, MARIE J
19271 POZOS, ARELI
19283 ARBOCO, IRENE A
19747 OCCUPANT UNKNOWN,
19851 SLATON, JOSEPH M
19893 OCCUPANT UNKNOWN,
19905 COSTIGLIOLO, DEAN E
19909 BOTSFORD, JAMES E
20190 OCCUPANT UNKNOWN,
20195 ALTAMIRANO, JOSE R

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E COMSTOCK RD 2010 (Cont'd)

20300 HAYES, B
20405 MILLERS, ORCHARD
20600 OCCUPANT UNKNOWN,
20799 GENETTI, MARY E
20808 TEJANO, DANIEL N
20811 GARLIEPP, MICHAEL
20913 OCCUPANT UNKNOWN,
20966 ANDERSON, WILLIAM C
21014 GARDNER, SHERRILL
21101 JIMENEZ, JOSE D
21692 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MESSICK RD 2010

18011	CHAVEZ, LORENA
18365	OCCUPANT UNKNOWN,
18377	FREGIEN, LAURIE D
18422	GIANNECCHINI, EDWARD
18489	OCCUPANT UNKNOWN,
18757	BURCH, LAWRENCE
18765	HAMPTON, BRYAN D
18777	PETERSON, CHARLES R
18955	ESTRADA, JESSYCA F

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E COMSTOCK RD 2005

13777 PARKER, BILL R
14063 OCCUPANT UNKNOWN,
R AND A MILLER INC
14125 ROWAND, BEVERLY A
14211 AVANSINO, JAMES R
14290 ANDERSON BARNGROVER RANCH CO
ANDERSON, RANDY
14351 LAGORIO, VICTOR C
14367 JESSIKA, C
14625 LAGORIO, VICTOR A
14892 GROPPE, ARTHUR D
14999 VERREAUX, DONALD W
15271 HANSEN, RYAN G
15285 OCCUPANT UNKNOWN,
15672 WESTRA, EARL H
15850 ZOLEZZI, MARVIN V
16283 MARQUEZ, GONZALO
16360 ALLEN, ROBYN A
16455 MAULHARDT, ROBERT L
16461 BEAR CREEK / PRIMAVERA MARKETING INC
INFANTE, Y
SAMBADO A & SON INC
16485 GARAY, ADOLFO
16599 GOMEZ, VERONICA
16788 OCCUPANT UNKNOWN,
16820 AVANSINO, RAYMOND J
16892 OCCUPANT UNKNOWN,
RICHARD PRUDEN ROOFING
16925 OCCUPANT UNKNOWN,
16930 DONDERO, ALBERT J
17010 SPICER, REVELLA
17080 MATHIS, BETTY R
17420 PRIMA, FRUTTA P
17432 RODRIGUEZ, OLGA
17662 MORENO, JOSE C
17664 CONTRERAS, JORGE
17700 VACCAREZZA, JOHNNY
17701 JOHNNIES WELDING SP PORTABLE WELDING
VACCAREZZA, ALBERT J
17887 CRUZ, JULIA
18133 BARBAGELATA, LOUIS A
18380 OCCUPANT UNKNOWN,
VACCAREZZA BROTHERS
18501 BOCKMAN, JEFFERY J
18585 BROWN, DUANE R
18589 COLBACK, GRACE G
18689 GIANNECCHINI, SUSAN M
18857 GIANNECCHINI, EDWARD
19271 SODERSTROM, KATHY
19283 ARBOCO, IRENE A

E COMSTOCK RD 2005 (Cont'd)

19747 OCCUPANT UNKNOWN,
19851 SLATON, JOSEPH M
19893 CLARK ELECTRIC
FLECK, REINHOLD
19905 COSTIGLIOLO, DEAN E
19909 BOTSFORD, JAMES E
JIM BOTSFORD RANCH
20190 MILLER, RICHARD B
20195 MARTINEZ, JESUS D
20405 MILLERS, ORCHARD
20600 AVANSINO, JIM
20799 GENETTI, MARY E
20808 TEJANO, DANIEL N
20913 OCCUPANT UNKNOWN,
20966 ANDERSON, WILLIAM C
21018 ANDERSON, KATHERINE M
21101 MEZA, JAZMINE L
21692 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MESSICK RD 2005

18365 OCCUPANT UNKNOWN,
18377 FREGIEN, ROBERT
18422 BRIDGES, ANN M
18489 OCCUPANT UNKNOWN,
18757 BURCH, LAWRENCE
18777 PETERSON, CHARLES R
18955 ESTRADA, JESSYCA F

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E COMSTOCK RD 2000

15672 WESTRA, EARL
16455 MCWILLIAM, V B
16461 PRIMA FRUTTA PACKING COMPANY
PRIMAVERA MARKETING INCORPORATED
SAMBADO A & SON INCORPORATED LAWRENCE SAMBADO
16788 AVANSINO, JOHN
16925 BATARSEH, SAMER M
17080 MATHIS, DAN
17432 RODRIGUEZ, OLGA
SANTANA, MARIA
17664 CONTRERAS, JORGE
17701 JOHNNIES WELDING
18133 BARBAGELATA, LOUIS
18380 FILIPPI, VINCENT
VACCAREZZA, SILVIO
18501 BOCKMAN, JEFFREY J
18585 BROWN, DUANE
18689 GIANNECCHINI, SUSAN
18857 GIANNECCHINI, EDWARD
19893 COSTIGLIOLO, DEAN
19909 BOTSFORD, JAMES
20190 MILLER, D
20195 MARTINEZ, JESUS
20300 HURD, ROBERT L
20405 MILLERS ORCHARD
20799 GENETTI, ALLEN
21014 BLOUDOFF, DEAN
21018 ANDERSON, WILLIAM C
21692 COSTIGLIOLO, JOE
VIGNA, MARIO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MESSICK RD 2000

18422 BRIDGES, ANN
18757 ROBINSON, B
18777 PETERSON, R
18955 ROBERTS, W B

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E COMSTOCK RD 1995

14351	LAGORIO, CARLENE
14892	GROPPE, A D
15271	KIVETT, ERIC
15850	ZOLEZZI, MARVIN
16461	A SAMBADO & SON INC
16788	AVANSINO, JOHN
17010	SPICER, HOBART J
17080	MATHIS, DAN JR
17701	JOHNNIES WELDING
	VACCAREZZA, ALBERT
18133	BARBAGELATA, LOUIS
18166	J & B FARMS
18380	VACCAREZZA, SILVIO
18585	BROWN, DUANE
18689	GIANNECCHINI, SUSAN
18857	GIANNECCHINI, EDWARD
19271	ARBOCO, MIKE
19851	REMINGTON, MARILYN
19905	FLECK, R
19909	BOTSFORD, JAMES
20190	DOWNER, L W
20195	MARTINEZ, JESUS
20405	MILLERS ORCHARD
20600	EDWARDS, G P
20799	GENETTI, ALLEN
20808	TEJANO, D
21018	ANDERSON, WILLIAM C
21101	SPARKS, MORRIS
21692	GERLOMES, GREG
	GIROLAMI, GRANT

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E MESSICK RD 1995

18422 FILIPPONE, SILVIO
18489 CROSBY, HAROLD
18757 ROBINSON, B
18777 PETERSON, R

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E COMSTOCK RD 1992

13787	ELLIOT ORCHARDS
14290	ANDERSON BARNGROVER
15850	ZOLEZZI, MARVIN
16455	SAMBADO A&SON INC
16461	PRIMAVERA MARKETING
16788	AVANSINO, JOHN
17010	SPICER, HOBART J
17080	MATHIS, DAN JR
17420	STOLZ, JIMMIE
17701	JOHNNIES WELDING
18133	BARBAGELATA, LOUIS
18166	J&B FARMS
18380	VACCAREZZA, SILVIO
18689	GIANNECCHINI, SUSAN
18857	GIANNECCHINI, EDWARD
19271	ARBOCO, MIKE
19747	VIVIANI, ANDREW
19851	REMINGTON, MARILYN
19893	COSTIGLIOLO, DEAN
19909	BOTSFORD, JAMES
20190	DOWNER, L W
20195	MARTINEZ, JESUS
20300	WRIGHT, MICHAEL T
20405	MILLERS ORCHARD
20600	EDWARDS, G P
20799	GENETTI, NICK
21014	ANDERSON, WINDON
21018	ANDERSON, WILLIAM C
21101	SPARKS, MORRIS
21692	GERLOMES, GREG
	GIROLAMI, GRANT

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MESSICK RD 1992

18422 FILIPPONE, SILVIO
18757 ROBINSON, B
18777 PETERSON, CHARLES

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

E COMSTOCK RD 1985

COMSTOCK RD E 95236
LINDEN

12022	BAVA VERNON CHLD	931-1350	+S
12881	THOMAS BETTE MILANO	931-4771	4
14063	MILLER RICHARD	931-4796	9
14125	XXXX	00	
14211	WILLIAMSON F E	931-0213	
14290	ANDERSON BARNGROVER	931-4668	+S
	ANDERSON RANDY	831-4668	+S
14351	MILLER ERIC	931-6870	2
14625	LAGORIO VICTOR A	931-4638	1
14801	LYONS JACK	931-1575	
14892	GROPPE ARTHUR	931-3720	6
14999	LYONS R JIM	931-0571	
15271	HANSEN GEO F	931-1674	
15559	RISENHOOVER CLIFTON	931-2581	+S
15672	WESTRA EARL	931-4785	
15850	ZOLEZZI MARVIN	887-3206	0
	ZOLEZZI MARVIN	931-3480	1
16283	XXXX	00	
16860	GOOINEZ JOE	931-5351	8
16455	MAULHARDT ROBERT JR	931-2089	
	MAULHARDT ROBERT L	887-3658	
16485	XXXX	00	
16509	XXXX	00	
16738	AVANSINO JOHN	387-3633	+S
	AVANSINO RAYMOND	887-3014	8
16892	WIMER CARL	887-3053	2
16925	XXXX	00	
16930	SANGER WM	931-3563	
17010	SPICER HOBART J	887-3659	8
17080	MATHIS DAN JR	931-4998	8
	MATHIS DANJR	887-3840	0
17420	MERNER MARK	887-3278	7
	STOLZ JIMMIE	887-3097	6
17662	XXXX	00	
17664	CONCNOLA ALFONSO	887-3250	6
17701	JONNNIES WELDING	931-1990	
	JONNNIES WELDING SN	887-3716	
	VACCAREZZA JOHNNIE	887-3716	
	VACCAREZZA JOHNNIE	887-3678	
17887	XXXX	00	
18133	BARBAGELATA LOUIS	887-3602	
18380	VACCAREZZA SILVIO	887-3883	+S
18501	CELUM ROBERT G	387-3459	
18585	WILES C H	887-3472	
18589	XXXX	00	
18689	GIANNECCHINI S	807-3533	+S
18857	GIANNECCHINI E	387-3689	
18899	XXXX	00	
19271	ARBOCO MIKE	887-3494	
19370	BERG MELVIN	887-3209	6
19747	FERRILL M O	887-3718	
19851	REMINGTON E O	887-3110	7
19893	COSTIGLIOLO DEAN	887-3973	0
19909	BOTSFORD JAMES	887-3761	0
20190	WHITE KENNETH M	887-3062	
20195	XXXX	00	
20300	MILLER MARK	887-3331	8
20405	CUNEO ANDREW MRS	887-3389	
	MILLERS ORCHARD	387-3742	+S
20600	EDWARDS G P	587-3190	0
20799	GENETTI NICK	887-3414	
29913	LUCK SANDRA	807-3162	4
21014	ANDERSON WINDON	887-3309	
21018	ANDERSON WM G	887-3318	
21101	SPARKS MORRIS	887-3905	

* 6 BUS 59 RES 8 NEW

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

MESSICK RD 1985

MESSICK RD 95236
LINDEN

16011	STAGNARO ANGELO	887-3942	
	STAGNARO FARMS	887-3942	
16422	FILIPPONE S	887-3911	
16469	BEASLEY BRADY	887-3455	6
18757	ROBINSON LEON	887-3723	
16765	PHILLIPS DWAYNE	887-3210	6
16777	PETERSON CHARLES	887-3307	
16955	ROBERTS W BILL	887-3316	
	* 2 BUS 6 RES	0 NEW	

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

E COMSTOCK RD 1981

COMSTOCK RD E 95236
LINDEN

14063	MILLER RICHARD	931-4796	9
14125	PACK THOS	931-1524	
14211	PIKE LONNIE H	931-4084	3
	WILLIAMSON CECELIA	931-0213	
14351	XXXX	00	
14625	LAGORIO VICTOR A	931-4638	+1
14801	LYONS JACK	931-1575	
14892	GROPPE ARTHUR	931-3720	6
14999	LYONS R JIM	931-0571	
15271	HANSEN ALAN P	931-1762	
	HANSEN GEO F	931-1674	
15559	CATES JOHN R	931-6059	+1
15672	WESTRA EARL	931-4785	2
15850	ZOLEZZI MARVIN	887-3208	0
	ZOLEZZI MARVIN	931-3480	+1
16283	XXXX	00	
16360	GODINEZ JOE	931-5351	8
16455	MAULHARDT ROBERT JR	931-2089	
	MAULHARDT ROBERT L	887-3658	
16485	XXXX	00	
16599	XXXX	00	
16788	AVANSINO JOHN	931-2179	
	AVANSINO RAYMOND	887-3014	8
16892	ADAM ANDREW	887-3192	+1
16925	GIANNECCHINI FABIO	887-3962	+1
16930	SANGER WILLIAM	887-3726	4
	SANGER WM	931-3563	4
17010	SPICER HOBART J	931-2206	7
	SPICER HOBERT J	887-3659	8
17080	MATHIS DAN JR	931-4998	8
	MATHIS DANJR	887-3840	0
17420	MERNER MARK	887-3278	7
	STOLZ JIMMIE	887-3097	6
17662	RISENHOOVER PHILIP	887-3466	5
17664	CONCHOLA ALFONSO	887-3250	6
17701	JOHNNIES WELDING	931-1090	5
	JOHNNIES WELDING SH	887-3716	
	VACCAREZZA JOHNNIE	887-3716	
	VACCAREZZA JOHNNIE	887-3678	
17887	XXXX	00	
18133	BARBAGELATA LOUIS	887-3602	4
18380	VACCAREZZA SILVIO	931-4430	
18501	CELUM ROBERT G	887-3459	
18585	WILES C H	887-3472	
18589	XXXX	00	
18857	GIANNECCHINI E	887-3689	
18899	XXXX	00	
19271	ARBOCO MIKE	887-3494	
19370	BERG MELVIN	887-3209	6
19747	FERRILL M O	887-3718	
19851	REMINGTON E O	887-3110	7
19893	COSTIGLIOLO DEAN	887-3973	0
19909	BOTSFORD JAMES	887-3761	0
20190	WHITE KENNETH M	887-3002	5
20195	GARMAN DWIGHT	887-3286	4
20300	MILLER MARK	887-3331	8
20405	CUNEO ANDREW MRS	887-3389	
20600	EDWARDS G P	887-3190	0
20799	GENETTI NICK	887-3414	
20913	XXXX	00	
21014	ANDERSON WINDON	887-3809	
21018	ANDERSON WM C	887-3318	
21101	SPARKS MORRIS	887-3905	
21692	XXXX	00	

★ 3 BUS 61 RES 5 NEW

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

MESSICK RD 1981

MESSICK RD E 95236
LINDEN

10011	STAGNARO ANGELO	837-3842	
	STAGNARO FARMS	697-3842	3
16422	FILIPPONE S	887-3911	
18489	BEASLEY BRADY	887-3455	6
16757	ROBINSON LEON	887-3723	
18765	PHILLIPS DWAYNE	887-3210	6
18777	PETERSON CHARLES	887-3807	5
	PETERSON EARL	887-3351	4
16955	ROBERTS W BILL	887-3316	5
*	2 BUS 7 RES	0 NEW	

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

E COMSTOCK RD 1977

COMSTOCK RD E 95236 LINDEN

14125	PACK THOS	931-1524
14211	PIKE LONNIE H	931-4084 3
	WILLIAMSON CECELIA	931-0213
14351	LAGORIO VICTOR A	931-4638
14801	LYONS JACK	931-1575
14892	XXXX	00
14999	LYONS R JIM	931-0571
15271	HANSEN ALAN P	931-1762
	HANSEN GEO F	931-1674
15559	HILL CLARENCE E	931-4005 3
15672	WESTRA EARL	931-4785 2
15850	ZOLEZZI MARVIN	887-3208+7
16283	XXXX	00
16360	XXXX	00
16455	MAULHARDT ROBERT L	887-3658
	MAULHARDT ROBT L JR	931-2089
16485	XXXX	00
16599	XXXX	00
16788	AVANSINO JOHN	887-3633
	AVANSINO JOHN	931-2179
16892	JASMER TIM	887-3874+7
16927	CAVALLI L	931-4194 4
16930	SANGER WILLIAM	887-3726 4
	SANGER WM	931-3563 4
17010	SPICER HOBART J	931-2206+7
17080	MATHIS DAN JR	887-3840+7
17420	MERNER MARK	887-3278+7
	STOLZ JIMMIE	887-3097 6
17662	RISENHOOVER PHILIP	887-3466 5
17664	CONCHOLA ALFONSO	887-3250 6
17701	*JOHNNIES WELDING	931-1090 5
	*JOHNNIES WELDING SH	887-3716
	*VACCAREZZA JOHNNIE	887-3716
	VACCAREZZA JOHNNIE	887-3678
17887	VACCAREZZA JEFF	887-3117+7
18133	BARBAGELATA LOUIS	887-3602 4
18380	VACCAREZZA SILVIO	887-3883
	VACCAREZZA SILVIO	931-4430
18501	CELUM ROBERT G	887-3459
18585	WILES C H	887-3472
18589	XXXX	00
18857	GIANNECCHINI E	887-3689
18899	XXXX	00
19271	ARBOCO MIKE	887-3494
19370	BERG MELVIN E	887-3209+7
	BERG MELVIN	887-3209 6
19747	FERRILL M D	887-3718
19851	REMINGTON E O	887-3110+7
19909	DEBENEDETTI FRANK	887-3880
20190	WHITE KENNETH M	887-3002 5
20195	GARMAN DWIGHT	887-3286 4
20300	MILLER RICHARD	887-3676
20405	CUNEO ANDREW MRS	887-3389
20600	CASTO J B	887-3272 5
20799	GENETTI NICK	887-3414
20913	XXXX	00
21014	ANDERSON WINDON	887-3809
21018	ANDERSON WM C	887-3318
21101	SPARKS MORRIS	887-3905
21692	LAWSON PHILIP J	887-3177
NO #	MAGANA FRANK	931-3214 5

* 3 BUS 58 RES 8 NEW

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

MESSICK RD 1977

MESSICK RD E 95236 LINDEN

18011	STAGNARO ANGELO	887-3942	
	*STAGNARO FARMS	887-3942	3
18422	FILIPPONE S	887-3911	
18489	BEASLEY BRADY	887-3455	6
18757	ROBINSON LEON	887-3723	
18765	PHILLIPS OWAYNE	887-3210	6
18777	PETERSON CHARLES	887-3807	5
	PETERSON MARY	887-3351	4
18955	ROBERTS W BILL	887-3316	5

* 1 BUS 8 RES 0 NEW

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

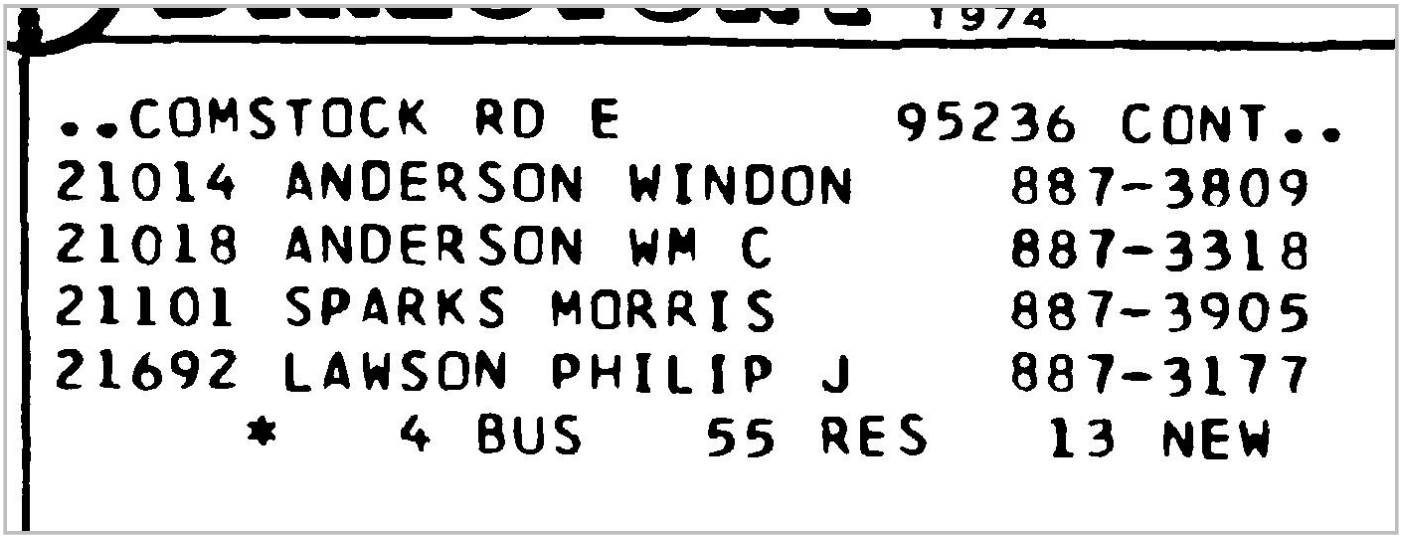
E COMSTOCK RD 1974

COMSTOCK RD E 95236 LINDEN

```
14125 PACK THOS              931-1524
14211 PIKE LONNIE H          931-4084 3
      WILLIAMSON CECELIA     931-0213
14351 LAGORIO VICTOR A       931-4638
14801 LYONS JACK             931-1575
14892 CHINCHIOLO JIM         931-0594
14999 LYONS R JIM            931-0571
15271 HANSEN ALAN P          931-1762
      HANSEN GEO F           931-1674
15559 HILL CLARENCE E        931-4005 3
15672 WESTRA EARL            931-4785 2
15850 FIELD CHAS             887-3338
16283 MAGISTRI JOE           931-1530
16360  XXXX                  00
16455 MAULHARDT ROBERT L     887-3658
      MAULHARDT ROBT L JR    931-2089
16485  XXXX                  00
16599 HARBHAJAN SINGH        931-4062+4
16788 AVANSINO JOHN          931-2179
      AVANSINO JOHN          887-3633
16892 IMHOFF GARY L          931-4364
16927 CAVALLI L              931-4194+4
16930 SANGER WILLIAM         887-3726+4
      SANGER WM              931-3563+4
17010 SPICER HOBART J        931-2206+4
17080 MATHIS DAN JR          931-4998+4
17420 MATTAS KEN             887-3192+4
      RISENHOOVER PHILIP     887-3466+4
17662  XXXX                  00
17701*JOHNNIES WELDING SH    887-3716
     *LINDEN BODY SHOP       887-3716+4
     *VACCAREZZA JOHNNIE     887-3716
      VACCAREZZA JOHNNIE     887-3678
17887 GIANNECCHINI GARY      887-3510+4
18133 BARBAGELATA LOUIS      887-3602+4
18380 VACCAREZZA SILVIO      931-4430
      VACCAREZZA SILVIO      887-3883
18501 CELUM ROBERT G         887-3459
18585 WILES C H              887-3472
18589  XXXX                  00
18857 GIANNECCHINI E         887-3689
18899  XXXX                  00
19271 ARBOCO MIKE            887-3494
19370 HARDAWAY PERRY         887-3161+4
19747 FERRILL M O            887-3718
19851 GRIFFIN MIKE           887-3156 3
19909 DEBENEDETTI FRANK      887-3880
20190 CROCE H ALBERT         887-3964 3
20195 GARMAN DWIGHT          887-3286+4
20300 MILLER RICHARD         887-3676
20405 CUNEO ANDREW MRS       887-3389
     *MILLER ORCHD DHYDTR    887-3742
20600 BERRY GEORGE H         887-3547
20799 GENETTI NICK           887-3414
20913  XXXX                  00
```

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

E COMSTOCK RD 1974



1974

..COMSTOCK RD E 95236 CONT..

21014	ANDERSON WINDON	887-3809
21018	ANDERSON WM C	887-3318
21101	SPARKS MORRIS	887-3905
21692	LAWSON PHILIP J	887-3177

* 4 BUS 55 RES 13 NEW

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

MESSICK RD 1974

MESSICK RD E 95236 LINDEN

18011	MUNOZ JOSE	887-3777+4
	STAGNARO ANGELO	887-3942
	*STAGNARO FARMS	887-3942 3
18422	FILIPPONE S	887-3911
18489	HARRISON FRANK P	887-3455
18757	PRASAD DAVID	887-3062+4
	ROBINSON LEON	887-3723
18777	PETERSON MARY	887-3351+4

* 1 BUS 7 RES 3 NEW

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

E COMSTOCK RD 1971

COMSTOCK RD E 95236 LINDEN

14125 PACK THOS 931-1524
14211 WILLIAMSON CECELIA 931-0213
14351 LAGORIO VICTOR A 931-4638
14801 LYONS JACK 931-1575
14892 CHINCHIOLO JIM 931-0594
14999 LYONS R JIM 931-0571
15271 HANSEN ALAN P 931-1762
HANSEN GEO F 931-1674
15672 FILIPPONE BRUNO 931-1599
15850 FIELO CHAS 887-3338
16283 MAGISTRI JOE 931-1530
16360 NORMAN LEONARO C 931-0799
16455 MAULHAROT ROBERT L 887-3658
MAULHAROT ROBT L JR 931-2089
16485 PLOTZ JACK 931-1079
16599 SINGH HARBHAJAN 887-3188
16788 AVANSINO JOHN 887-3633
AVANSINO JOHN 931-2179
16892 IMHOFF GARY L 931-4364
16930 OCONNOR OICK 887-3563
17010 SPICER HOBART J 887-3659
17080 MATHIS OAN JR 887-3840
MATHIS OAN JR 931-2206
17420 REYNOLOS THOMAS L 887-3966
17662 CARPENTER OOROTHY 887-3167
17701 *JOHNNIES WELOING SH 887-3716
*VACCAREZZA JOHNNIE 887-3716
VACCAREZZA JOHNNIE 887-3678
17887 PIZZI RONALO 887-3508
18133 PUNTA G 887-3574
18380 VACCAREZZA SILVIO 887-3883
VACCAREZZA SILVIO 931-4430
18501 CELUM ROBERT G 887-3459
18585 WILES C H 887-3472
18589 AUGUSTINE JOSEPH 887-3735
18857 GIANNECCHINI E 887-3689
18899 GALVAN MIGUEL 887-3938
19271 ARBOCO MIKE 887-3494
19370 MORRILL SALLY MRS 887-3175
19747 FERRILL M O 887-3718
19909 OEBENEOETTI FRANK 887-3880
20190 OOWNER R H 887-3694
20195 DEVOL RAY E 887-3361
20300 MILLER RICHARO 887-3676
20405 CUNEO ANDREW MRS 887-3389
*MILLER ORCHO OHYOTR 887-3742
20600 BERRY GEORGE H 887-3547
20799 GENETTI NICK 887-3414
21014 ANOERSON WINOON 887-3809
21018 ANOERSON WM C 887-3318
21101 SPARKS MORRIS 887-3905
21692 LAWSON PHILIP J 887-3177
* 3 BUS 49 RES

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

MESSICK RD 1971

MESSICK RD E 95236 LINDEN

18011	STAGNARO ANGELO	887-3942
18422	FILIPPONE S	887-3911
18489	HARRISON FRANK P	887-3455
18757	PRASAD DAVID	887-3172
	ROBINSON LEON	887-3723
NO #	PETERSON MARY	887-3351

* 0 BUS 6 RES

Messick Bridge Replacement Project

NA

Unincorporated Count, CA 95236

Inquiry Number: 6844463.3

February 03, 2022

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

02/03/22

Site Name:	Client Name:
Messick Bridge Replacement F	Michael Baker International
NA	14725 Alton Parkway
Unincorporated Count, CA 952	Irvine, CA 92618
EDR Inquiry # 6844463.3	Contact: Winnie Woo

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Michael Baker International 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 # E5BC-4FC8-9181

PO # NA

Project Messick Bridge Replacement

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: E5BC-4FC8-9181

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

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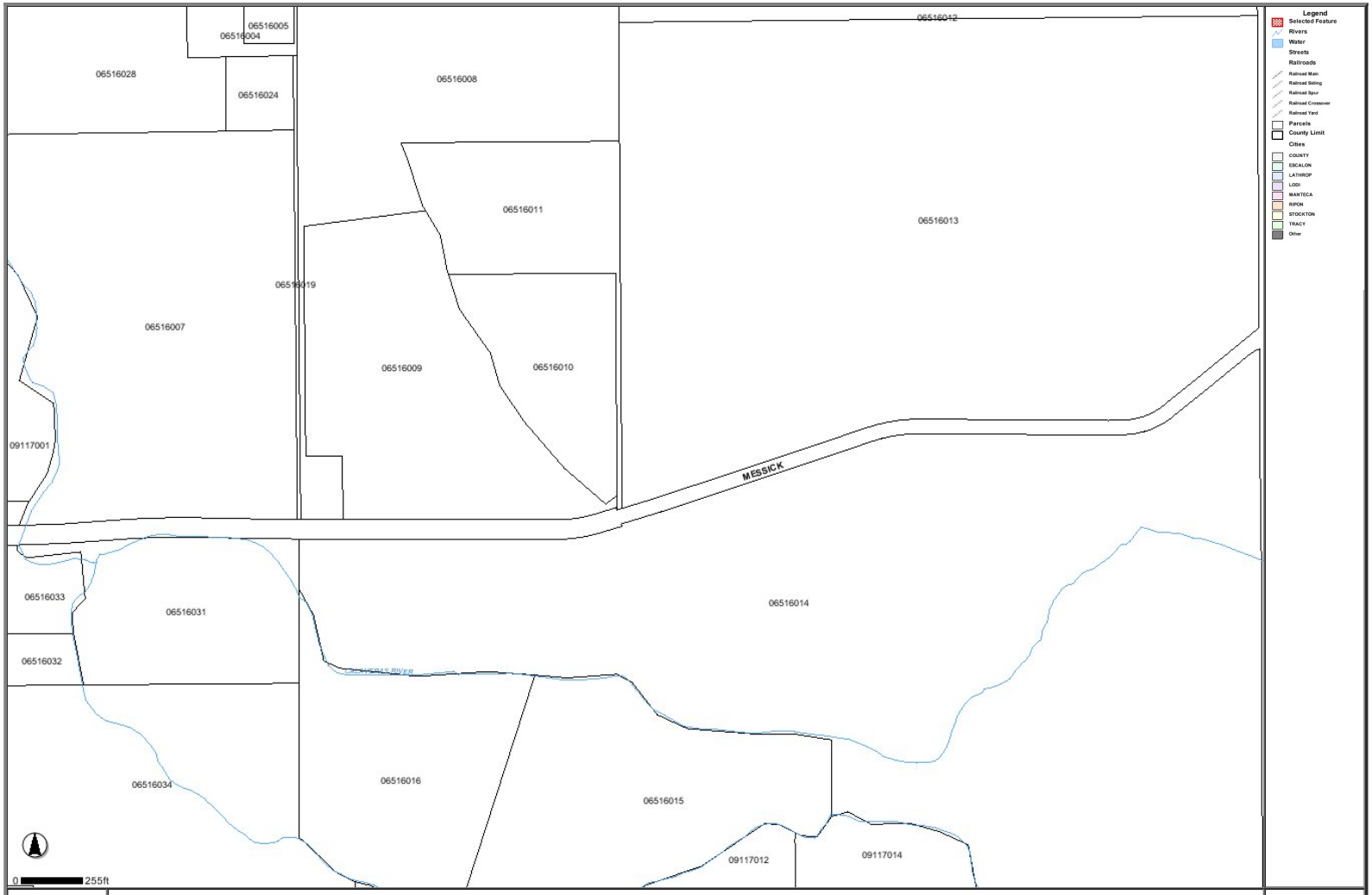
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San Joaquin County District Viewer

San Joaquin County Geographic Information Systems

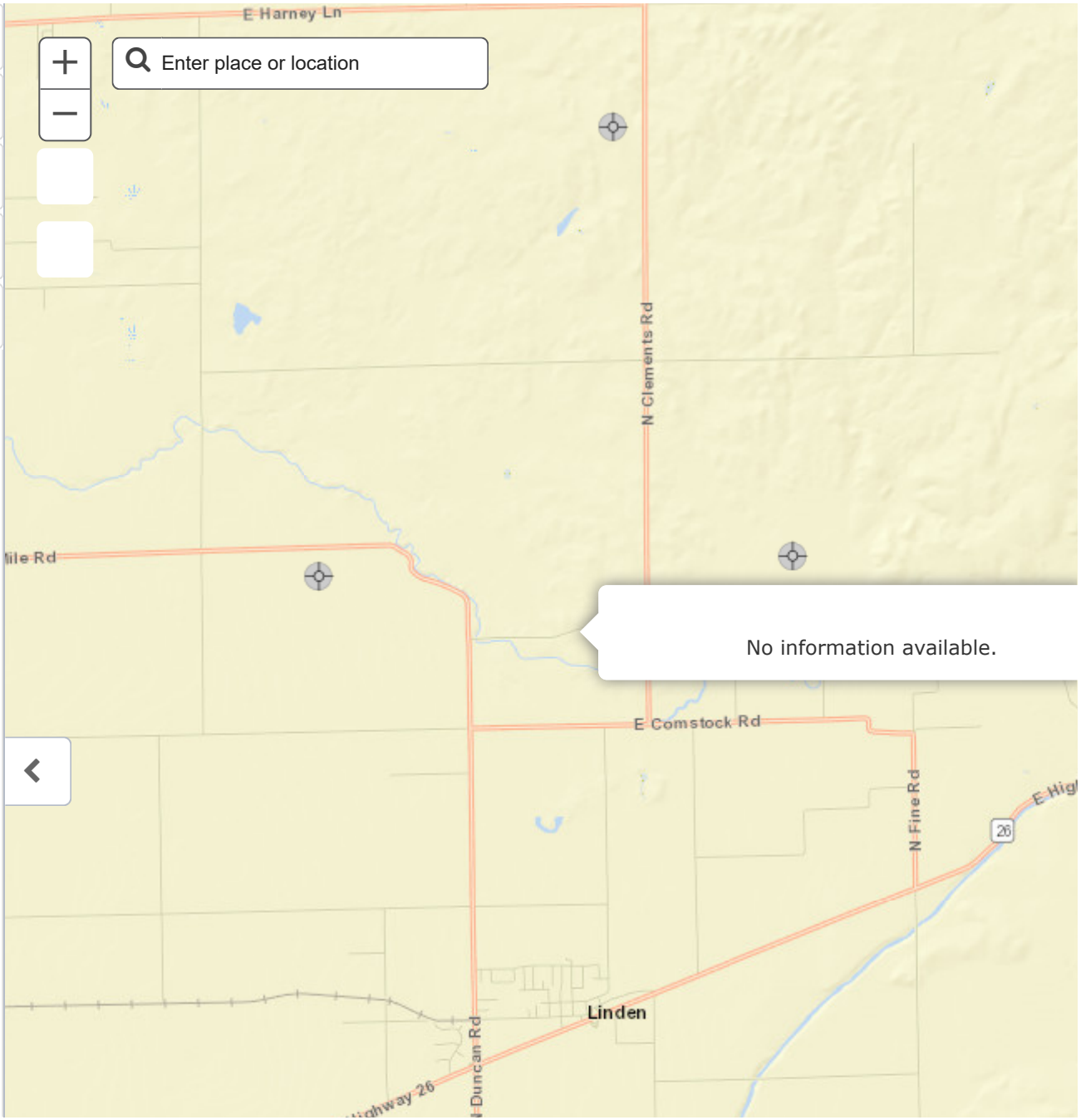
1810 East Hazelton Avenue, Stockton, California 95205

The information on this map is based on the most current information available to San Joaquin County Geographic Information Systems.
The County of San Joaquin does not warrant its accuracy, completeness, or suitability for any particular purpose.
The information on this map is not intended to replace engineering, financial or primary records research.

Well Finder
CalGEM GIS

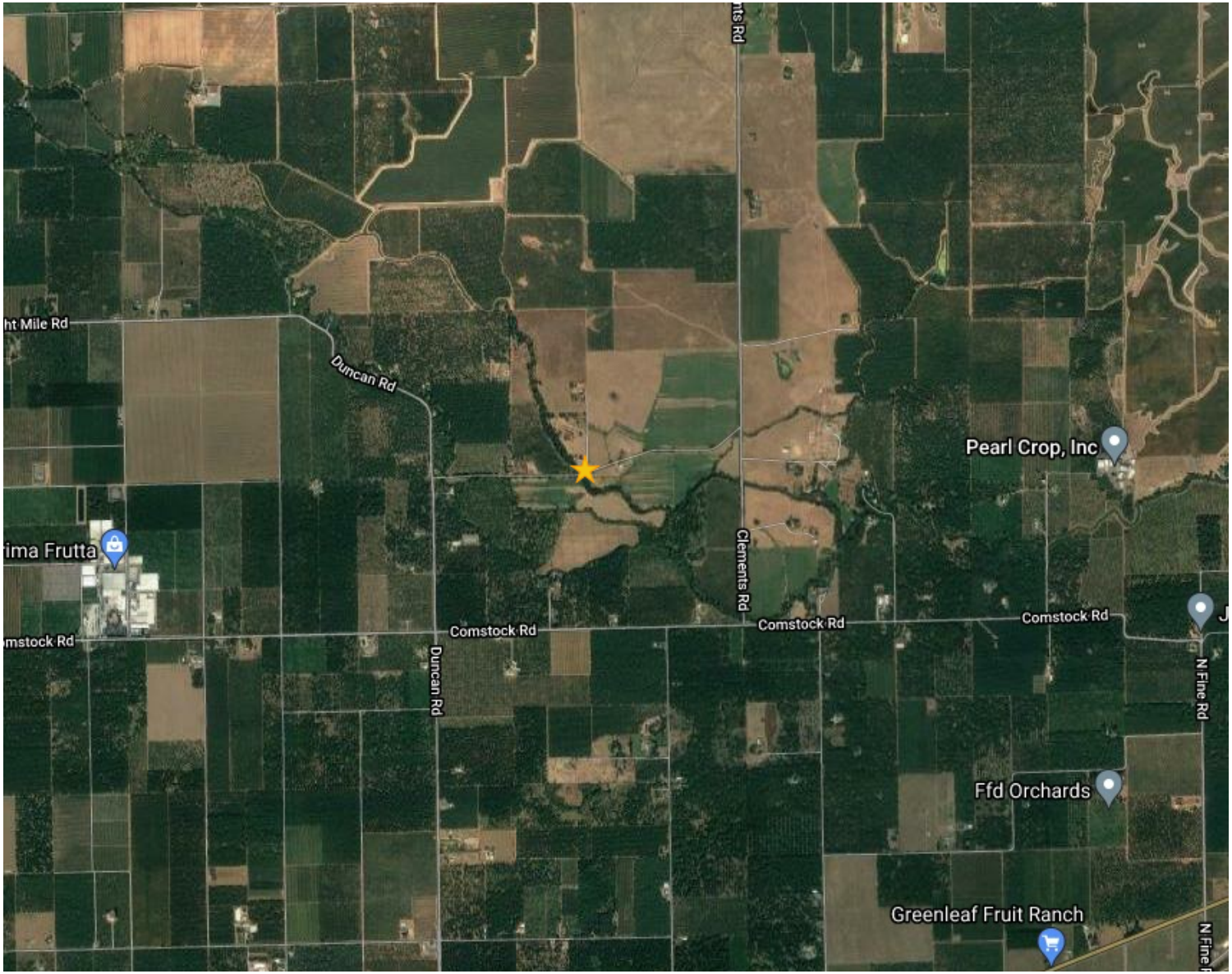
More Info | Help | ©

- Well Status and Well Type Filter
- Search
- Zoom to Field
- Measurement
- Layers
  - [ ] Notice and Permit
  - [x] Well
    - [x] Well
    - [x] Geothermal Well
  - [ ] Facility
    - [x] Tank
    - [x] Pit/Sump
    - [x] Setting
    - [x] Facility Boundary (non-wellstar)
  - [ ] Underground Gas Storage
  - [ ] Well Stimulation
  - [ ] TR26 Onshore Seep Count
  - [x] Oil/Gas Field
  - [x] CalGEM District
  - [ ] Public Land Survey System
    - City



Pipeline and Hazardous Materials Safety Administration

NATIONAL PIPELINE MAPPING SYSTEM



Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

500 m
1000 ft

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

Projection: Geographic

Datum: NAD83

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

Date Printed: Feb 17, 2022

811 Know what's below. Call before you dig.

From: Newburg, Brian [PW] <bnewburg@sjgov.org>
Sent: Wednesday, February 23, 2022 3:08 PM
To: Landis, Sofia <Sofia.Landis@mbakerintl.com>
Cc: Chung, Michael [PW] <Mchung@sjgov.org>; Ditto, Jessica A <Jessica.Ditto@mbakerintl.com>; Woo, Winnie <Winnie.Woo@mbakerintl.com>
Subject: EXTERNAL: RE: Messick Bridge Phase I ISA - civil engineer's contact info

Sofia,

We have heard back that the striping onsite is paint and it was done in June of 2021.

Please let me know if you have any additional questions.

Thank you,

Brian Newburg

From: Landis, Sofia <Sofia.Landis@mbakerintl.com>
Sent: Tuesday, February 22, 2022 8:34 AM
To: Newburg, Brian [PW] <bnewburg@sjgov.org>
Cc: Chung, Michael [PW] <Mchung@sjgov.org>; Ditto, Jessica A <Jessica.Ditto@mbakerintl.com>; Woo, Winnie <Winnie.Woo@mbakerintl.com>
Subject: FW: Messick Bridge Phase I ISA - civil engineer's contact info

CAUTION: This email is originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Brian,

Please see question below regarding the date of most recent striping for Messick Road near the project. Can you help provide this information?

Thank you,

Sofia Landis, P.E. | Project Manager / Senior Engineer
2729 Prospect Park Dr. Suite 220 | Rancho Cordova, CA 95670 | [O] 916-231-3373 | [M] 805-305-7785
sofia.landis@mbakerintl.com | www.mbakerintl.com

APPENDIX D:
ISA CHECKLIST

This document is designed for double-sided printing to conserve natural resources.

Initial Site Assessment (ISA) Checklist

Project Information

District 10 County San Joaquin Route Messick Road Post Mile NA EA NA

Description: Refer to Section 1.1, *Project Description*, of the ISA (page 1-1).

Is the project on the HW Study Minimal-Risk Projects List (HW1)? NO

Project Manager Brian Newburg phone # (209) 468-3040

Project Engineer Sofia Landis, P.E. phone # (805) 305-7785

Project Screening

Attach the project location map to this checklist to show location of all known and/or potential HW sites identified.

1. Project Features: New R/W? NO Excavation? Nominal Railroad Involvement? NO

   Structure demolition/modification? YES (bridge) Subsurface utility relocation? NO

2. Project Setting Refer to Section 3.1, *Physical Setting Sources*, of the ISA (page 3-1).

   Rural or Urban Rural

   Current land uses Transportation uses (a bridge structure)

   Adjacent land uses Vacant land, Transportation, Agricultural, and Residential land uses

3. Check federal, State, and local environmental and health regulatory agency records as necessary, to see if any known hazardous waste site is in or near the project area. If a known site is identified, show its location on the attached map and attach additional sheets, as needed, to provide pertinent information for the proposed project.

   Refer to Exhibit 5, *Overview Map*, of the ISA (page 3-6), for the mapping of hazardous waste sites, and Section 3.2, *Standard Environmental Record Sources*, of the ISA (page 3-5), for a discussion of hazardous waste sites on-site and in the vicinity.

4. Conduct Field Inspection. Date 02-16-2022 Use the attached map to locate potential or known HW sites.

   Refer to Exhibit 5, *Overview Map*, of the ISA (page 3-6), for the mapping of hazardous waste sites; Section 4.0, *Site Reconnaissance*, of the ISA (page 4-1), for a discussion of the field inspection conducted on February 16, 2022; and Exhibits 6, *On-Site Photographs* and 7, *Off-Site Photographs*, of the ISA (pages 4-2 and 4-3), for photographic documentation of the field inspection conducted on February 16, 2022.

   STORAGE STRUCTURES / PIPELINES:

   Underground tanks None Observed Surface tanks None Observed

   Sumps None Observed Ponds None Observed

   Drums None Observed Basins None Observed

Transformers None Observed Landfill None Observed
Other Underground Utility Line Signage

CONTAMINATION: (spills, leaks, illegal dumping, etc.)

Surface staining None Observed Oil sheen None Observed
Odors None Observed Vegetation damage None Observed
Other Miscellaneous Debris/Surface Litter

HAZARDOUS MATERIALS: (asbestos, lead, etc.)

Buildings Not Applicable Spray-on fireproofing Not Applicable
Pipe wrap Not Applicable Friable tile Not Applicable
Acoustical plaster Not Applicable Serpentine Not Applicable
Paint Lead-Based-Paint on Existing Bridge, Treated Wood Waste
Other None Observed

5. Additional record search, as necessary, of subsequent land uses that could have resulted in a hazardous waste site. Use the attached map to show the location of potential hazardous waste sites.

   As discussed in the ISA, no soil or groundwater contamination has been reported that is anticipated to have resulted in an environmental condition at the subject site.

6. Other comments and/or observations: Findings associated with the past and current on-site and off-site uses were noted in Section 6.0, *Evaluation*, of the ISA (page 6-1). As discussed in the ISA, it is the opinion of Michael Baker that no REC has resulted at the subject site based on these findings.

ISA Determination

Does the project have potential hazardous waste involvement? YES If there is known or potential hazardous waste involvement, is additional ISA work needed before task orders can be prepared for the Investigation? NO If "YES," explain; then give an estimate of additional time required: NA

A brief memo should be prepared to transmit the ISA conclusions to the Project Manager and Project Engineer.

ISA Conducted by _____ Date 03-16-2022
Ms. Kristen Bogue

Attachments:

Phase I Initial Site Assessment (ISA)