

SOLID WASTE FACILITY PERMIT

Facility Number:

39-AA-0015

12. Legal Description of Facility:

The legal description of this facility is contained on page 2-1 of the Joint Technical Document dated 04/03.

13. Findings:

- a. This permit is consistent with the San Joaquin County Integrated Waste Management Plan, which was approved by the CalRecycle on March 1997. The location of the facility is identified in the Countywide Siting Element, pursuant to Public Resources Code (PRC), Section 50001(a).
- b. This permit is consistent with the standards adopted by the CalRecycle, pursuant to PRC 44010.
- c. The design and operation of the facility is consistent with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the enforcement agency, pursuant to PRC 44009.
- d. The design and operation of the facility is in compliance with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA on February 30, 2003.
- e. The Lathrop-Manteca Fire Department has determined that the facility is in conformance with applicable fire standards, pursuant to PRC, 44151.
- f. The following authorized agent has made a determination that the facility is consistent with, and designated in, the applicable general plan: San Joaquin County Planning Commission, February 6, 2003 in accordance with Public Resources Code, Section 50000.5(a).
- g. An Environmental Impact Report was filed with the State Clearinghouse (SCH #2001052081) and certified by the SJC Planning Commission on February 6, 2003. The Environmental Impact Report describes and supports the design and operation, which will be authorized by the issuance of this permit. A Notice of Determination was filed with the State Clearinghouse on 4/14/03.

14. Prohibitions:

The permittee is prohibited from accepting the following wastes:

Hazardous, radioactive, medical (as defined in Chapter 6.1, Division 20 of the Health and Safety Code), liquid, designated, or other wastes requiring special treatment or handling, except as identified in the Report of Facility Information and approved amendments thereto and as approved by the enforcement agency and other federal, state, and local agencies.

15. The following documents describe and/or restrict the operation of this facility:

	Date		Date
Joint Technical Document	04/03	Preliminary Closure and Postclosure Maintenance Plan	04/03
Waste Discharge Requirements Order No. R5-2003-0049	03/03	Closure Financial Assurance Documentation	04/03
APCD Permit to Operate # N-339-17-0	08/98	Operating Liability Certification	04/03
APCD Permit to Operate # N-3057-1-0	09/93	Land Use and/or Conditional Use Permit	04/03
APCD Permit to Operate # N-3057-3-1	1999	Land Use and/or Conditional Use Permit	01/11
Environmental Impact Report (SCH # 20011052081)	04/03		

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16. Self Monitoring:

The owner/operator shall submit the results of all self monitoring programs to the Enforcement Agency within 30 days of the end of the reporting period (*for example, 1st quarter = January – March, the report is due by April 30, etc.. Information required on an annual basis shall be submitted with the 4th quarter monitoring report, unless otherwise stated.*)

Program	Reporting Frequency
a. The types and quantities (in tons) of waste, including separated or commingled recyclables, entering the facility per day.	Quarterly
b. The average number of vehicles using the facility per day and the volume of waste received at the facility (in tons).	Monthly
c. Results of the hazardous waste load checking program, including the quantities and types of hazardous wastes, medical wastes or otherwise prohibited wastes found in the waste stream and the disposition of these materials.	Quarterly
d. Ground water monitoring	Quarterly
e. Asbestos air monitoring	Semi-Annually
f. Results of on-site industrial hygiene and air monitoring	Upon request of LEA
g. Copies of all written complaints regarding this facility and the operator's actions taken to resolve these complaints.	Quarterly
h. Results of contaminated post treatment analysis.	Annually
i. <i>Results of the landfill gas monitoring program.</i>	Quarterly
j. <i>Wet weather preparedness report/winter operations plan.</i>	Annually– due by November 1
k. <i>Fill sequencing plan for the forthcoming year.</i>	Annually
l. <i>Remaining site capacity.</i>	Annually
m. Report on location of friable asbestos containing waste disposal area, designation of employee(s) responsible for friable asbestos handling, employee asbestos handling training records, total volume, and weight of friable asbestos containing material received at the landfill.	Quarterly
n. Financial Assurance updates information.	Annually
o. Final Closure/Post Closure Maintenance Plan.	2 years prior to closure
p. Application for the revision of the Solid Waste Facility Permit or Joint Technical Document.	180 days prior to change
q. Results from leachate monitoring, collection, treatment, and disposal program.	Quarterly

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17. Enforcement Agency (EA) Conditions:

- a. The operator shall comply with all State Minimum Standards for solid waste handling and disposal as specified in Title 27, California Code of Regulations.
- b. The operator shall maintain a log of special/unusual occurrences. This log shall include, but is not limited to, fires, explosions, the discharge and disposition of hazardous or unpermitted wastes, and significant injuries, accidents or property damage. Each log entry shall be accompanied by a summary of any actions taken by the operator to mitigate the occurrence. The log shall be available to site personnel and the EA at all times.
- c. Additional information concerning the design and operation of the facility shall be furnished upon request and within the time frame specified by the EA.
- d. The LEA may prohibit or condition the handling and/or disposal of solid wastes to protect the public health and safety, protect and rehabilitate, or enhance the environment or mitigate adverse environmental impacts. The Asbestos Containing Waste (ACW) Program implemented at this site must be conducted in accordance with Public Resources Code (PRC), Section 44820 and Title 14 CCR Sections 17897.16-17897.25 and in accordance with any and all applicable federal, state and local permits, ordinances, regulations, and laws.
- e. Site employees shall receive adequate safety training in the prevention of asbestos release to the land, air, water, and hazardous waste recognition as well as regulatory training for asbestos handling and disposal.
- f. Site supervisory personnel as well as staff shall complete an OSHA – approved 24-hour Hazardous Material Awareness and Safety Course.
- g. Site personnel working in the waste receiving and disposal areas shall be trained in emergency communications. All site personnel shall receive adequate training in operations, maintenance, and safety.
- h. The site operators shall develop a comprehensive safety manual and asbestos handling and disposal manual. The manual shall be developed and maintained for training and employee use. The manual must include the appropriate references to Title 14 CCR, Sections 17897.00 through 17897.25.
- i. The maximum permitted weekly tonnage for the combined Forward Landfill and the Forward Resource Recovery Facility is 46,080 tons per week, and shall not receive more than this amount without a revision of this permit.
- j. The maximum daily vehicle traffic allowed at the site is 620 trips per day, and the site shall not receive more than this amount without revision of this permit.
- k. Forward Landfill's contaminated soil acceptance program shall comply with the terms and conditions given in the LEA's Letters to Forward Inc. dated October 31, 1990; June 5, 1992; and January 7, 1994.
- l. Forward Inc. Landfill must comply with the conditions of approval of Use Permit UP-00-07 and PA-1000245.
- m. This permit is subject to review by the EA and may be suspended, revoked, or revised at any time for sufficient cause.
- n. The EA reserves the right to suspend or modify waste receiving and handling operations when deemed necessary due to an emergency, a potential health hazard, or the creation of a public nuisance.
- o. Any change that would cause the design or operation of the facility not to conform to the terms and conditions of this permit is prohibited. Such a change may be considered a significant change, requiring a permit revision. In no case shall the operator implement any change without first submitting a written notice of the proposed change, in the form of an RFI amendment, to the EA at least 180 days in advance of the change.
- p. A copy of this permit shall be maintained at the facility.
- q. The operator is permitted to use the following materials for Alternative Daily Cover (ADC): Processed green waste, shredded tires, pre-processed treated auto shredder waste, ash and cement kiln dust, pre-processed construction and demolition waste, and geo-synthetic blankets. The types of ADC that do not require a demonstration project must be used in accordance with Title 27 CCR, Section 20690.
- r. Pre-processed ADC materials to be used will be 18 inches or less in dimension.
- s. The pre-processed treated auto shredder waste must be deployed in a manner that does not allow the mixing of the cover and the waste. The pre-processed treated auto shredder waste cannot be used during rainy weather or anticipated rainy weather.
- t. The ash and cement kiln dust must be applied in such a manner as not to create voids or dust.
- u. For shredded green material ADC, the following conditions must be met:

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- A track dozer is to be used to spread and compact the green material.
 - The processed green material shall not contain greater than five (5) percent contamination (plastic or paper bags, mix solid waste, or construction and demolition waste).
 - The processed green material must have a minimum thickness of 6 inches and an average compacted thickness of 12 inches
- v.** The use of the ADC shall conform to all conditions of the ADC demonstration project as approved by the LEA and maybe suspended or modified at any time for sufficient cause.
- w.** If the site operator plans to use a new ADC, allowed by and described in, Title 27, CCR, Section 20690, the operator must submit any proposed changes to the ADC program in the form of an RFI amendment 180 days prior to the anticipated change.
- x.** The LEA reserves the right to require additional measures to adequately control nuisances resulting from landfilling activities as needed.
- y.** The operator shall at all times provide adequate staffing to deal effectively and promptly with operations at the site as needed.
- z.** The operator shall provide at all time adequate numbers and types of operable equipment for compaction and placement of the waste and cover at the facility.
- aa.** An adequate water supply for dust and fire suppression shall be available at all times during the operation of this facility. The water supply must be acceptable to the local fire jurisdiction and the LEA.
- bb.** Additional information concerning the design and operation of the facility shall be furnished upon request and within the time frame specified by the LEA. The operator must supply the LEA with any information the LEA deems necessary to conduct an inspection or to review and rewrite a Solid Waste Facility Permit.
- cc.** The LEA must receive written notification from the facility operator 48 hours prior to operating on the seventh day of that week.
- dd.** There shall be no landfill activities, waste placement, disposal, composting, storage of equipment, or soil borrowing in the buffer area.