SOLID WASTE FACILITY PERMIT

Facility Number:
39-AA-0020

1. Name and Street Address of Facility:

Forward Resource Recovery Facility
9999 S. Austin Road
Manteca, CA 95336

2. Name and Mailing Address of Operator:

Forward, Inc.
P.O. Box 6336
1145 West Charter Way
Stockton, CA 95206

3. Name and Mailing Address of Owner:

Forward, Inc.
P.O. Box 6336
1145 West Charter Way
Stockton, CA 95206

4. Specifications:

a. Permitted Operations:

- ☐ Solid Waste Disposal Site
- ☒ Transfer/Processing Facility (MRF)
- ☒ Composting Facility (Green material, food material, manure, and agricultural waste)
- ☐ Transformation Facility
- ☐ Other:

b. Permitted Hours of Operation: (Receipt of Refuse/Waste) Monday-Saturday, 6:00 AM- 6:00 PM
(Ancillary Operations/Facility Operating Hours)

c. Permitted Maximum Tonnage: 46080 Tons per week (not to exceed 8668 tons per day Landfill and RRF combined; RRF not to exceed 4180 tpd)

d. Permitted Traffic Volume: 620 Vehicles per Day (Landfill and RRF combined)

e. Key Design Parameters (Detailed parameters are shown on site plans bearing EA and CalRecycle validations):

	Total	Disposal	Transfer/Processing	Composting	Transformation
Permitted Area (in acres)	33.23		10.64	22.59	
Design Capacity (tons per day)	4,180		3,080	1,100	
Max. Elevation (Ft. MSL)					
Max. Depth (Ft. MSL)					
Estimated Closure Year					

Upon a significant change in design or operation from that described herein, this permit is subject to revocation or suspension. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previously issued solid waste facility permit.

5. Approval:

Approving Officer Signature
LINDA TURKATTE, REHS DIRECTOR

6. Enforcement Agency Name and Address:

SAN JOAQUIN COUNTY
ENVIRONMENTAL HEALTH DEPARTMENT
1868 E. HAZELTON AVENUE
STOCKTON, CA 95205-6232

7. Date Received by CalRecycle: JAN 20 2015

8. CalRecycle Concurrence Date:

9. Permit Issued Date:

10. Permit Review Due Date:

11. Owner/Operator Transfer Date:

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12. Legal Description of Facility:

The legal description of this facility is contained in page 1-1 of the Report of Composting Site Information and in page 1-1 of the Transfer/Processing Report both dated November 2014.

13. Findings:

a. This permit is consistent with the San Joaquin County Integrated Waste Management Plan, which was approved by CalRecycle on March 29, 1995. The facility is identified and described in the Nondisposal Facility Element, pursuant to Public Resources Code (PRC), Section 50001(a).

b. This permit is consistent with the standards adopted by 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 Lathrop-Manteca Fire Department has determined that the facility is in conformance with applicable fire standards, pursuant to PRC 44151.

e. An Environmental Impact Report was prepared and circulated locally and through the State Clearinghouse (SCH #2001052081) and certified by the San Joaquin County Planning Commission on February 06, 2003. A Notice of Determination was filed on April 14, 2003. The Environmental Impact Report describes and supports the design and operation, which will be authorized by the issuance of this permit.

14. Prohibitions:

The permittee is prohibited from accepting the following wastes:

Hazardous, radioactive, medical waste(as defined in Chapter 6.1, Division 20 of the Health and Safety Code), large dead animals, 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
Report of Compost Site Information & Odor Impact Minimization Plan	November 2014	Land Use and/or Conditional Use Permit (UP-00-7)	April 2003
Transfer/Processing Report	November 2014	Environmental Impact Report (SCH #2001052081)	Feb 2003
APCD Permits to Operate: #N-8534-1-1, #N- 8534-2-1, #N-8534-3-0, #N-8534-4-1, and #N-8534-5-1	2012	Waste Discharge Requirements (Order # R5-2014-0006)	July 2014
Lathrop-Manteca Fire District Permit	March 2014		

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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 of waste (in tons), including separated or comingled recyclables, entering the facility per day.	Quarterly
b. The number and types of vehicles using the facility per day.	Quarterly
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. Copies of all complaints regarding this facility and the operator's actions taken to resolve these complaints.	Quarterly
e. Wet weather preparedness report/winter operations plan.	Annual – due by November 1
f. Log of Special Occurrences (i.e. explosions, fires, accidents, inadvertent acceptance of hazardous waste, odor events, complaints, etc.) must be kept on site.	Keep on site & available upon request of the LEA
g. An employee training log with employee name, course descriptions, dates of trainings, etc. shall be maintained.	Keep on site & available upon request of the LEA
h. A record of weather conditions shall be maintained with operation records pursuant to Title 14 CCR, Section 17869.	Keep on site & available upon request of the LEA
i. A report of quantities of waste received and product removed from the facility shall be provided. The records (showing monthly breakdowns) shall indicate the quantities in tons/cubic yards.	Quarterly
j. Temperature of the active compost shall be monitored and recorded as specified in Title 14 CCR, Section 17868.3. Records shall be kept for types of additives/amendments used. All records pertinent to the particular operation are required to be kept current on site as per Title 14 CCR, Section 17869.	Keep on site & available upon request of the LEA
k. Storm water monitoring records and leachate monitoring logs shall be kept on site.	Quarterly to the LEA & RWQCB
l. One sample per 5000 cubic yards of finished compost must be taken and analyzed at a Department of Health Services approved laboratory. Samples shall be analyzed for constituents required pursuant to Title 14 CCR, Section 17868.1.	Monthly to the LEA
m. Pathogen reduction criteria must be documented in a log. The log must record start date, temperatures, turnings, watering, when the pathogen reduction period is met, and when the windrows are moved to be screened. All feedstock piles must be monitored for temperature prior to being incorporated into windrows. The temperatures of the feedstock piles must also be documented in the log.	Monthly to the LEA
n. Submit an annual report to the LEA summarizing all reporting requirements.	Annual- due by January 31

17. Lead Enforcement Agency (LEA) Conditions:

a. The operator shall comply with all State Minimum Standards for solid waste handling as specified in Title 14, California Code of Regulations (CCR).

b. The operator shall maintain a log of special occurrences. This log shall include, but is not limited to, fires, explosions, the discharge and disposition of hazardous or unpermitted wastes, odor events, complaints, and 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 LEA 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 LEA.

d. The maximum permitted weekly tonnage for this facility is 46080 tons per week not to exceed 8668 tons per day (combined both RRF 39-AA-0020 and Landfill 39-AA-0015) and shall not receive more than this amount.

e. This permit is subject to review by the LEA and may be temporarily suspended or revoked at any time by the LEA for sufficient cause, in accordance with Division 30 of the Public Resources Code, Part 4, Chapter 4, Article 2, Sections 44305 et seq.

f. The LEA 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.

g. 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 LEA at least 180 days in advance of the change.

h. A copy of this permit shall be maintained at the facility.

i. The LEA shall be notified in writing of any change in ownership or operator of the facility per section 44005 of the Public Resources Code (PRC).

j. The facility shall meet the design and operational standards of Title 14 CCR, Sections 17400-17419.2 and 17850-17870.

k. Physical contaminants removed from the feedstock, ground material, and windrows shall be removed from the site within 7 days and transported to the landfill. Disposal records must be kept on site and available for review upon request of the LEA.

l. Stockpiling of compost, finished compost, or compost residuals for a combined period of time greater than six months is considered disposal and must be removed from the site.

m. In accordance with Title 14 CCR, Section 17867.5, operators shall ensure that all personnel assigned to the operation shall be trained in subjects pertinent to operations and maintenance, physical contaminants and hazardous materials recognition and screening, with emphasis on odor impact management emergency procedures. A record of such training shall be maintained on site. All personnel working with the load screening program shall be trained to recognize hazardous wastes, and shall be trained for safety and evacuation procedures.

n. Wastes to be composted must go directly into the composting operation and may not be stockpiled on site for more than seventy-two (72) hours.

o. Leachate control is required.

p. The composting operation shall maintain and keep all windrows and stockpiles under 15 feet in height.

q. The transfer station facility shall maintain and keep all waste piles under 12 feet in height.

r. All incoming waste shall be inspected for hazardous waste. If hazardous waste is found it shall be handled as hazardous waste in accordance with all applicable state standards.

s. The San Joaquin County Environmental Health Department must be notified in writing three (3) days prior to new feedstock material being added or changed.

t. Specific operational standards that this site must meet are as follows:

1. Site shall not receive more than 620 vehicles per day (combined total for both RRF 39-AA-0020 and Landfill 39-AA-0015).
2. Litter must be controlled on site at all times. Litter must also be prevented from migrating off-site. Litter inspections shall be conducted each day. The areas that should be inspected are the North and South Branches of the South Fork of Little Johns Creek, approach roads, entrance facilities, transfer station/resource recovery facility, any portable litter fence, facility perimeter fence, leachate impoundment and storm water facilities including ditches, berms, and detention/sedimentation basins.
3. No equipment operation or maintenance can be done outside of the permitted hours of operation.
4. The tipping floor and retaining wall must be maintained in good repair per Title 14 CCR, Section 17408.6.
5. Site shall comply with their LEA approved Odor Impact Minimization Plan (OIMP). The OIMP shall be revised to reflect changes in operation, and a copy shall be provided to the LEA within 30 days of those changes per Title 14 CCR, Section 17863.4 (c).
6. Dust shall be controlled at all times.
7. The facility shall be maintained to minimize the propogation and harborage of flies, rodents or other vectors.
8. All windrows and piles of green waste, active and finished compost, shall be monitored at multiple points for internal temperature to prevent fires and achieve pathogen reduction.
9. All incoming compost materials must be immediately spread out for manual screening. The materials may then be stockpiled after the manual screening. Unacceptable materials found in the stockpile will be considered a violation of the hazardous waste screening program.
10. The co-collected greenwaste and foodwaste must not be exceed more than 15% foodwaste by volume.
11. Unloading, screening and grinding activity must be conducted more than 100 feet from the site perimeter.