SOLID WASTE FACILITY PERMIT

Facility Number:

39-AA-0051

1. Name and Street Address of Facility:

Harvest-Lathrop
920 W. Frewert Road
Lathrop, CA 95330

2. Name and Mailing Address of Operator:

Harvest Power California, LLC
916 W. Frewert Road
Lathrop, CA 95330

3. Name and Mailing Address of Owner:

Harvest Power California, LLC
916 W. Frewert Road
Lathrop, CA 95330

4. Specifications:

a. Permitted Operations:

- ☐ Solid Waste Disposal Site
- ☐ Transfer/Processing Facility (MRF)
- ☒ Composting Facility (Green material, food, and agricultural waste)
- ☐ Transformation Facility
- ☒ Other: Small Volume CDI debris processing operations

b. Permitted Hours of Operation: (Receipt of Refuse/Waste) Monday-Saturday, 7:00 AM- 4:00 PM
(Ancillary Operations/Facility Operating Hours) _____

c. Permitted Maximum Tonnage: 500 Tons per Day

d. Permitted Traffic Volume: 75 Vehicles per Day

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)	20			20	
Design Capacity (cu. yds)				100,000	
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
DONNA HERAN, 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: JUN 0 5 2014

8. CalRecycle Concurrence Date: JUN 2 3 2014

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 2 of the Report of Compost Site Information dated January 2014.

13. Findings:

a. This permit is consistent with the San Joaquin County Integrated Waste Management Plan, which was approved by CalRecycle in June 2012. The location of the facility is identified 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. A CEQA document was prepared and circulated locally and through the State Clearinghouse (SCH #2012022021) and approved by the San Joaquin County Planning Commission on 3/15/2012. The CEQA document 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 3/21/2012.

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 Composting Site 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	3/04/2014	Land Use and/or Conditional Use Permit (PA-1200011)	3/15/2012
APCD Permit to Operate: #N-7617-3-1 #N-7617-4-1 #N-7617-5-0	2012	CEQA document (SCH # 2012022021)	3/15/2012

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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 nd quantities (in tons) of waste 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 course descriptions, dates of trainings, etc. shall be maintained and kept.	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 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, and indicate that the pathogen reduction period was met. All feedstock piles must be monitored for temperature prior to being incorporated into windrows.	Monthly to the LEA

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/unusual 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 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 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 daily tonnage for this facility is 500 tons per day and shall not receive more than this amount without a revision of this permit.

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. and associated regulations.

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 17850-17870.

k. Physical contaminants removed from the feedstock, compost, or ground material shall be removed from the site within 7 days and transported to a disposal facility. Disposal receipts must be kept on site and available for review upon request of the LEA.

l. Stockpiling of compostable organic material for a combined period of time greater than six months is considered disposal and must be either removed from the site or processed for composting operation.

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. Current and future stockpiles shall not exceed 25' in height, 150' in width, and 250' in length.

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

1. Site shall not receive more than 500 tons per day or 156,000 tons per year.
2. Site shall not receive more than 75 vehicles per day.
3. Litter must be controlled on site at all time.
4. 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).
5. Dust control shall be maintained to prevent limiting the visibility of personnel on-site and from creating a nuisance off-site.

6. Windrows, feedstock, finish compost and overs shall be maintained to prevent the attraction or establishment of flies, rats or other vectors in the compost.
7. All piles onsite shall be monitored at multiple points for internal temperature to prevent fires and achieve pathogen reduction.
8. All incoming materials must be immediately spread out for manual screening. The materials may then be stockpiled after the manual scrrening. Unacceptable materials found in the stockpiled will be considered a violation of the hazardous waste screening program.
9. OSB and particle board that will be composted must be processed with the greenwaste and evenly distributed. The amount of OSB and particle board mixed with the greenwaste must be no more than 5% by volume.
10. Facility is receiving wood waste along with green waste. The wood waste is separated and placed in a pile. The wood waste is ground, stored, and taken to a facility to be used for energy. According to Title 14 CCR, Section 17381 (cc), the facility can not receive, process or remove more than 25 tons per day of the wood waste from the compost site. This activity is considered the CDI debris processing operation.
11. Site shall not accept commercial food waste, manure, or animal carcasses. Food waste brought in as feedstock must be limited to co-collected green and food waste off residential routes. The amount of foodwaste mixed with the greenwaste must not be more than 15% by volume.