# SOLID WASTE FACILITY PERMIT

**Facility Number**
**SWIS # 45-AA-0059**

**1. Name and Street Address of Facility**
City of Redding Transfer Station,
Materials Recovery, and
Composting Facility
2255 Abernathy Lane
Redding CA 96002

**2. Operator Name and Mailing Address:**
City of Redding
Solid Waste Utility
P. O. Box 496071
Redding, CA 96049

**3. Owner Name and Mailing Address:**
City of Redding
777 Cypress Avenue
P. O. Box 496071
Redding, CA 96049

**4. Specifications:**

**a. Permitted Operations:**

☒ Transfer Station

☒ Transfer/Processing Facility (Materials Recovery)

☒ Composting Facility (Green Material)

**b. Permitted Days and Hours of Operation:** Monday through Saturday: 3:00 a.m.- 6:00 p.m.

**c. Permitted Maximum Tonnage:** 750 Tons per Day (tpd)

**d. Permitted Traffic Volume:** 482 Vehicles per Day

**e. Key Design Parameters:**

| | Total | Transfer | Processing | Composting | Other |
|---|---|---|---|---|---|
| Permitted Area | 25 acres | | | 6 acres | |
| Design Capacity | | 400 tpd | 250 tpd | 100 tpd | |

This Solid Waste Facility Permit is granted solely to the operator named and is not transferable. Upon a significant change in design or operation from that described herein, this permit is subject to revocation or suspension. These permit findings and conditions are integral parts of this permit and supersede the conditions of any previously issued solid waste facility permit.

**5. Approval:**

Russ Mull, Director of Resource Management

**6. Enforcement Agency Name and Address:**
Shasta County Department of Resource Management
Environmental Health Division
1855 Placer Street, Suite 201
Redding, CA 96001

**7. Date Received by CalRecycle:** DEC 05 2012

**8. CalRecycle Concurrence Date:** DEC 26 2012

**9. Permit Issued Date:**

**10. Permit Review Due Date:**

**11. Owner/Operator Transfer Date:** N/A

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**12. Facility Location:**

2255 Abernathy Lane, Redding, California
Section 3 of Township 31N, Range 4W. The site latitude and longitude are 42° 35' 00" N, 122° 17' 30" W.

**13. Findings:**

**a.** The LEA has made a finding that this facility is consistent of the Shasta County Integrated Waste Management Plan pursuant to Public Resources Code (PRC), Section 50000 (a)(4).

**b.** This permit is consistent with the Shasta County Integrated Waste Management Plan, which was approved by CalRecycle on October 22, 1997. The location of the facility is identified in the Countywide Siting Element pursuant to the Public Resources Code (PRC), Section 50001(a).

**c.** This facility is designed to comply with the State Minimum standards for Solid Waste Handling and Disposal. Verification is provided through monthly LEA inspections.

**d.** The City of Redding Fire Department has determined that the facility is in conformance with applicable fire standards, pursuant to PRC, Section 44151.

**e.** An Environmental Impact Report (EIR), SCH No. 90030464, and Final Supplement to the Environmental Impact Report, EIR 3-90, were prepared and circulated in April 1991 and February 1993 respectively. This EIR was certified by the City of Redding in February 1993. The EIR describes and supports the design and operation of the facility. A Notice of Determination was filed with State Clearinghouse on March 10, 1993.

**f.** The Shasta County Integrated Waste Management Plan has been approved by the CalRecycle along with the Source Reduction and Recycling Element and the Household Hazardous Waste Element.

**g.** The City of Redding Planning Department has made a determination that this facility is consistent with, and designated in, the City of Redding General Plan in accordance with PRC, Section 50000.5 (a).

**h.** The City of Redding Planning Department has determined that the surrounding land use is compatible with facility operation in accordance with PRC, Section 50000.5 (b).

**14. Prohibitions:**

The facility is prohibited from accepting the following wastes:

Hazardous, radioactive, medical, liquid, designated, or other wastes requiring special treatment or handling, except as identified in the Transfer/Processing Report and approved amendments, thereto, and as approved by the Enforcement Agency and other federal, state, and local agencies.

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

| Document | Date | Document | Date |
|---|---|---|---|
| Transfer/Processing Report | January 2012 | Final Supplement to Environmental Impact Report EIR 3-90 | February 1993 |
| Conditional Use Permit No. UP 8-93 | March 1993 | Final EIR 3-90 Mitigation Monitoring & Reporting Program | February |
| Air Quality Management District (AQMD) Spray Booth Permit No. 94-PO-07e | April 2004 | Addendum to EIR 3-90 | March 1995 |
| Statewide Portable Horizontal Grinder Registration # 118798<br>Statewide Portable Trommel Screen Registration # 130162 | Current | California Regional Water Quality Control Board Resolution No. 94-375 Waiver of Waste Discharge for Requirements for the City of Redding Solid Waste Transfer and Recycling Facility | December 1994 |
| AQMD Aerosol Can Recycling Permit No. 95-PO-07d | March 2005 | City of Redding Permanent Household Hazardous Waste Collection Facility Operating Guidelines & Contingency Plan. CAH 111000219 | Current |
| City of Redding Fire Dept. Permit No.1106 Installation of Aboveground Storage Tank for Class III B Liquids | April 1994 | Industrial Storm Water Permit No. 11-11-023 | November 2011 |
| Final Environmental Impact Report, SCH No. 90030464 | April 1991 | | |

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| **16. Self-Monitoring and Reporting Program**<br>All written monitoring reports shall be submitted to the LEA at the Shasta County Department of Resource Management, Environmental Health Division on a quarterly basis unless otherwise stated. Quarterly monitoring reports shall be submitted by the 30th day of the month immediately following the end of each calendar quarter. | **Reporting Frequency** |
| a. Transfer Station Operations – Identify the different waste streams received at this facility and record daily weight and volume information for each listed waste stream, including separated or commingled recyclable materials. The weight of each waste stream shall be recorded in tons per day and volumes recorded in cubic yards per day. Some items may require an actual count, such as tires, electronics, and appliances. | Quarterly |
| b. Composting Operations – Record daily weight and volume information in tons per day and cubic yards per day for all green material at this facility. | Quarterly |
| Record weight and volume information for all finished compost produced. | Quarterly |
| Record weight and volume information for all green material chipped on-site and transported to off-site locations to cogeneration plants for fuel, landfill facility use as alternative daily cover, land application, and other destinations and uses. | Quarterly |
| Pursuant to the Environmental Health Standards listed in the Composting Regulations of Title 14 of the California Code of Regulations, at least one composite sample shall be obtained for every 5,000 cubic yards of finished compost produced at this facility. Compost sample results shall be submitted to the LEA within 45 days of the sampling event. The sample shall be analyzed for the following constituents: Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Molybdenum, Nickel, Selenium, and Zinc. The results of each sampling event shall be submitted to the LEA for review and conformance with the Maximum acceptable Metal Concentrations outlined in the Environmental Health Standards of the Composting Regulations found in 14CCR prior to any finished compost product leaving the facility. The facility operator shall submit a certification that indicates the pathogen reduction criteria are met. The certification shall be completed using CIWMB Form 5000 and submitted to the LEA with the compost sample results | Annually (2nd Quarter) |
| Temperature measurements shall be taken and recorded according to Transfer/Processing Report and maintained in a log kept on-site. Indicate dates and times that bags are filled and compost is removed. | |
| The volume of leachate generated, during composting operations, shall be estimated and included in the quarterly monitoring report. | Quarterly |
| c. Household Hazardous Waste Collection Operations – A log shall be maintained on-site identifying types and quantities of household hazardous waste received and shipped. Include waste origin in this documentation. | |
| d. Materials Recovery Operations – Identify each type of material recovered and record the weight, quantity, or volume on a daily basis. List the number of appliances received at this facility and the total volume of refrigerant or lubricating oils removed from appliances. | Quarterly |

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| e. General Facility Operations – A log of special occurrences shall be maintained on site with notations entered on a daily basis. The log shall cover all aspects of facility operations. Special occurrences include, but are not limited to, fires, injuries, property damage, explosions, flooding, incidents regarding hazardous wastes, and any other unusual occurrences. | Quarterly |
| f. The number of types of vehicles entering the facility each day. | Quarterly |
| g. 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 |
| h. Copies of all written complaints regarding this facility and the operator's actions taken to resolve these complaints shall be maintained on-site available for review. | |

**17. Enforcement Agency (EA) Conditions:**

a. Additional information concerning the design and operation of the facility shall be furnished upon request and within the time frame specified by the EA.

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

c. 1 - All green material received shall be processed (chipped) within six days of its receipt at this facility.

2 - Any compost product that does not comply with the Maximum Acceptable Metal Concentrations or the Pathogen Reduction Criteria outlined in the Environmental Health Standards of the Composting Regulations found in 14CCR, shall be designated for disposal at a facility approved by the LEA.

3 - If for any reason the grinding equipment is inoperable due to breakdown or maintenance and the incoming green material cannot be processed or chipped for two consecutive days, then all incoming green material shall be diverted for disposal at a permitted disposal site until such time that the grinding equipment is repaired and functional, and all green material can be processed and chipped within the required time frame. Notify LEA by phone or e-mail of situation at that time, within 24 hours.

d. The operator shall notify the LEA within 24 hours of any spill or release of a hazardous material/waste associated with the operation of this facility, including collection vehicles, even if a California Emergency Management Agency Spill Report is filed.

e. The operator shall maintain records describing training of all facility employees. Weekly and monthly safety meetings should be included. Particular attention must be paid to employees working at the household hazardous waste collection facility. All training records shall be available for review by the LEA during monthly inspections.

f. The LEA reserves the right to suspend or modify waste receiving operations when deemed necessary due to an emergency, an actual or potential health hazard, or the creation of a public nuisance.

g. The operator shall provide to the LEA, upon request, any additional information as deemed necessary to inspect or permit this facility.

h. The operator shall not change any significant aspects of the operation without first having obtained the approval of the LEA and the concurrence of CalRecycle. The operator shall notify the LEA in writing at least 180 days in advance of any proposed significant changes in operation or design.

i. The operator shall store no more than 499 waste tires at this facility without first modifying or revising the solid waste facility permit. All waste tires shall be stored in containers with lids or covered to prevent the creation of nuisances.

j. All materials stored at this facility shall be stored in a manner which does not create nuisances.

k. Collection of household hazardous waste through the City of Redding's Household Hazardous Waste Collection Facility is allowed on-site as described in Section Two of the Transfer/Processing Report.