

COMPOSTABLE MATERIALS HANDLING FACILITY PERMIT

Facility Number:

30-AB-0469

1. Name and Street Address of Facility:

Bee Canyon Greenery
11002 Bee Canyon Access Road
Irvine, CA 92602

2. Name and Mailing Address of Operator:

OC Waste & Recycling
601 N. Ross Street, 5th Floor
Santa Ana, CA 92701

3. Name and Mailing Address of Owner:

OC Waste & Recycling
601 N. Ross Street, 5th Floor
Santa Ana, CA 92701

4. Specifications:

- a. Permitted Operations:**
- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Solid Waste Disposal Site
<input type="checkbox"/> Transfer/Processing Facility (MRF)
<input checked="" type="checkbox"/> Composting Facility (<u>Green Material/Wood Waste</u>
<u>Agricultural Material/Manure</u>
<u>Vegetative Food Material/Food Material</u>) | <input type="checkbox"/> Transformation Facility
<input type="checkbox"/> Other: _____ |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|

- b. Permitted Hours of Operation:** **Receipt of Feedstock:** Monday – Saturday / 7:00 A.M. to 5:00 P.M.
The facility is not open to the public. (Closed on six major holidays)
- Ancillary Operations/Facility Operating Hours:** 24 hours per day/7 days a week
(General Operations/Facility Maintenance)

c. Permitted Maximum Tonnage: 876 Tons per Day* (see condition d)

d. Permitted Traffic Volume: Not Applicable

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

	Total	Composting
Permitted Area (in acres)	37.3	31.4
Design Capacity (cu.yds)		130,000

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:

Christine Lane, Director
Orange County Health Care Agency
Environmental Health Division

6. Enforcement Agency Name and Address:

Orange County Health Care Agency
Environmental Health Division
Solid Waste – Local Enforcement Agency
1241 E. Dyer Road, Suite 120
Santa Ana, CA 92705

7. Date Received by CalRecycle:

8. CalRecycle Concurrence Date:

9. Permit Issued Date:

10. Permit Review Due Date:

11. Owner/Operator Transfer Date:

N/A

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12. Legal Description of Facility:

Portions of Blocks 117, 118, 119, 143 and 144 of Irvine’s subdivision, in the County of Orange, State of California, as per map recorded in Book 1, Page 88 of the miscellaneous maps, in the office of the County Recorder of said County.

13. Findings:

- a. This permit is consistent with the Orange County Integrated Waste Management Plan, which was approved by the California Department of Resources Recycling and Recovery (CalRecycle) in March 1996 and updated in March 2016. The location of the facility is identified in the Non-Disposal 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 Section 44009.
- d. The Orange County Fire Authority has determined that the facility is in conformance with applicable fire standards, pursuant to PRC Section 44151.
- e. A Mitigated Negative Declaration (MND) was filed with the State Clearinghouse (SCH# 2019099059) and certified by the Orange County Board of Supervisors on March 24, 2020. A Notice of Determination was filed with the County Clerk Recorder’s Office on March 25, 2020. An addendum to the MND was prepared for this permit revision and a Notice of Determination for the addendum was filed with County Clerk Recorder’s Office on December 14, 2022. The MND and addendum describe and support the design and operation of the facility, which will be authorized by the issuance of this permit.

14. Prohibitions:

The permittee is prohibited from accepting the following wastes:

- a. Hazardous, radioactive, medical, liquid, designated, or other wastes requiring special treatment or handling, except as identified in the Report of Composting Site Information (RCSI) and amendments thereto and as approved by the Enforcement Agency.
- b. No biosolids are to be accepted at this facility.

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

	Date		Date
Report of Composting Site Information (RCSI)	October 2023	1. Mitigated Negative Declaration (MND) - (SCH # 2019099059) 2. Addendum No. 1 to the MND	1. March 2020 2. December 2022
Odor Impact Minimization Plan	October 2023	General Waste Discharge Requirements (WDR) for Commercial Composting Operations under Compost General Order No.: WQ 2020-0012-DWQ-R8009	February 2023

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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 or when otherwise specified by the EA (*for example, 1st quarter = January – March, the report is due by April 30, etc. Any information required on an annual basis shall be typically submitted with the 4th quarter monitoring report, unless otherwise stated.*)

Program	Reporting Frequency
a. Types and quantities of feedstock (in tons) entering the facility each day (daily and monthly reports kept on file and a copy provided to the EA if required).	Quarterly
b. Types and quantities of compost and finished compost (in tons) produced at the facility each day (daily and monthly reports kept on file and a copy provided to the EA if required).	Quarterly
c. Quantities of finished compost shipped off-site each day.	Quarterly
d. Quantities of physical contaminants and residual materials sent to disposal.	Quarterly
e. Daily temperature logs for windrows and piles and turning frequency for windrows.	Quarterly
f. Log of special/unusual occurrences and the operator's responses to the incidents.	Quarterly
g. Copies of all verbal and written complaints received regarding the facility and operator's actions taken in response to resolve the complaints.	Quarterly
h. Records of load checks including, but not limited to, random load checks and rejected loads.	Quarterly
i. Analytical laboratory results of the required pathogen (fecal coliform and Salmonella sp. densities), metal concentration, and physical contaminants. Each report form shall clearly display the official name of the facility, the date the sample was taken, the date the analysis was completed, where the sample was collected (identification of the windrow and depth) and the results of the analysis. Chain-of-custody form shall be attached to each laboratory report.	Quarterly
j. Record of the percentage and sampling data of organic waste contained in materials sent to landfill disposal in accordance with SB 1383 requirements.	Quarterly
k. Copy of regulatory notices (e.g., Notice to Comply, Notice of Violation, Notice & Order, etc.) received from any regulatory agency and operator's actions taken.	Quarterly
l. Employees training log updates if any for the reporting period.	Quarterly
m. Certification by the operator that the Odor Impact Minimization Plan has been reviewed to determine if any revisions are necessary.	Annually (by January 30 th)

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17. Enforcement Agency (EA) Conditions:

In the future, CalRecycle may amend or repeal any section of the Title 14, California Code of Regulations (CCR) that is referenced in the conditions listed below. Therefore, the operator shall always comply with the up-to-date pertinent regulations.

- a. The operator shall comply with all State Minimum Standards for solid waste handling and disposal as specified in Title 14, CCR and any applicable amendments to the RCSI.
- b. The operator shall maintain a copy of this Compostable Materials Handling Facility Permit, current Report of Composting Site Information (RCSI), Odor Impact Minimization Plan (OIMP), approved amendments if any, compost logs, sampling results, tonnage reports, and other related documents at the facility to site personnel and authorized EA representatives for review upon request.
- c. The maximum permitted daily tonnage for this facility is 876 tons per day (tpd) and shall not receive more than this amount without a revision of this permit.
- d. The acceptance of manure as incoming feedstock shall not exceed 175 tons per day and food waste will be limited to 5,000 tons per year as specified in the RCSI.
- e. The operator shall not exceed the daily intake tonnage or the design capacity of total on-site active compost, finished compost, and feedstock tonnage during any day as identified in Section 4 of this permit.
- f. The operator shall maintain a log of special/unusual occurrences. This log shall include, but not limited to, fires, explosions, discharges and dispositions of hazardous or unpermitted wastes, accidents, injuries, equipment failures, work stoppage issues, property damages, etc. Each log entry shall be accompanied by a summary of any actions taken by the operator to mitigate the occurrence. The log shall be always made available to site personnel and the EA at all times.
- g. The operator shall notify the EA within 24 hours (one business day) of all verbal and/or written public complaint(s) received on the facility pertaining to EA-enforced regulations. The notification or any follow-up reporting thereafter shall include facility operator's action(s) taken in response to the complaint and outcome. Complaints shall be logged in the special occurrence log with corrective actions and available to the EA for review.
- h. The operator shall notify the EA of any notice(s) (e.g., Notice to Comply, Notice of Violation, etc.) from any regulatory agency having oversight of the facility operations within 24 hours of receipt (one business day).
- i. This permit is subject to review by the EA and may be temporarily suspended if the EA determines that changed conditions necessitate a permit revision or modification to eliminate a significant threat to public health and safety or to the environment, or revoked at any time for sufficient cause, in accordance with PRC, Division 30, Part 4, Chapter 4, Article 2, Sections 44305 et seq and associated regulations.
- j. The EA reserves the right to suspend or modify waste receiving and handling operations due to an emergency, a potential health hazard, or the creation of a public nuisance.
- k. Turning, grinding, and screening operations shall not occur during inclement weather conditions as stated in the RCSI and shall be conducted in a manner that will not create off-site nuisance. The operator shall conduct facility operations and take appropriate actions to minimize odors from becoming a nuisance to nearby sensitive receptors, as identified in the OIMP.
- l. The OIMP must be implemented as an operating document. If the OIMP is being followed and odor impacts continue to occur, the operator shall be required to take additional measures to minimize and control the odors per CCR, Title 14, Section 17863.4 and 17863.4.1.
- m. The OIMP shall be reviewed annually by the operator to determine if any revisions are necessary with a certification letter submitted to the EA no later than January 30 of each year. If changes are proposed, the OIMP shall be revised to reflect the changes and upon approval, a copy shall be submitted to the EA within 30 days of the changes.

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

- n. Any settlement within the composting operations area should be addressed promptly by taking appropriate mitigation measures as stated in the RCSI.
- o. Additional information concerning the design and operation of the facility shall be provided upon request and within the time frame specified by the EA.
- p. 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 and 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 Report of Facility Information amendment, to the EA at least 180 days in advance of the change.
- q. All loads entering the facility shall undergo load checking as described in the RCSI. Trained load checkers shall be on-site to verify that received loads do not contain prohibited wastes. Operator shall keep records of training and load checks performed at the facility for review by the EA.
- r. Feedstock, all windrows, curing piles, and finished compost from Phases 1A, 1B, and 1C operations shall be maintained to prevent attraction or harborage of vectors.
- s. Windrows shall be managed to prevent process water (leachate) from percolating through and flowing onto the ground. Efforts shall be taken to absorb the liquid from leaching out of active compost windrows or finished products. Ponding is prohibited.
- t. The operator shall take and analyze one composite sample for every 5,000 cubic yards of compost produced. The composite sample must be analyzed for metal concentration, pathogen densities, and physical contaminants (>4 millimeters (mm)) as described in the CCR, Title 14, Division 7, Chapter 3.1, Article 7.
- u. Finished compost that contain metal concentrations, pathogens, and physical contaminants in amounts that exceed the maximum acceptable limits described in the CCR, Title 14, Division 7, Chapter 3.1, Article 7, shall be designated for additional processing, disposal, or other use as approved by local, state, or federal agencies having appropriate jurisdictions.