



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

PERMIT TO OPERATE

C013615

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: JUNE 2026

OWNER OF OPERATOR (Co.#2053)

Burrtec Waste Industries Inc.
18600 Stoddard Wells Rd.
Victorville, CA 92395

EQUIPMENT LOCATION (Fac.#3976)

Burrtec Victor Valley Compost Facility
17000 Abbey Lane
Victorville, CA 92394

Description:

BIOFILTER, COVERED AERATED STATIC PILE (CASP) consisting of: The facility is a Covered Aerated Static Pile (CASP) type compost facility, consisting of eight (8) composting zones, each approximately 30 feet wide, 305 feet long, and 10 feet high. Each zone is equipped with four low friction aeration trenches in the floor that are connected to a single 60-horsepower blower unit rated at 26,500 cubic feet per minute (CFM). The blower unit draws air through the piles to aerobically decompose the feedstock. Each compost pile is monitored with a temperature probe connected to a computer that monitors the internal temperature of each pile and regulates the air flow by opening or shutting louvers located within the duct work. The air is drawn into the compost pile, collected in aeration floor, then sent to the biofilter consisting of a bed of damp wood chips. The biofilter is approximately 89 feet wide x 52 feet long. It is suspended approximately two (2) feet above the floor on perforated concrete panels. The exhaust duct from the aeration fan discharges air from the compost piles under the biofilter. The air is forced through the biofilter media, where VOCs and ammonia are absorbed and bio-oxidized by bacteria, prior to its release to the atmosphere. Facility elevation is 2723 feet above sea level.

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit to operate is issued unless otherwise noted below, and this equipment shall be properly maintained and kept in good operating condition at all times.
[District Rule 1302(C)(2)(a)]

2. The owner/operator shall conduct odor surveys (smell test) at this facility's property line on a monthly basis, or more frequently as defined by the District. Any detection of odor shall be documented and corrective action shall be taken within 24 hours to reduce the

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 782

SCC: 50100404

Location/UTM(Km):
473E/3824N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

Burrtec Waste Industries Inc.
Attn: Gary Koontz

Fontana, CA 92355

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

odors at the property line to below detectable limits.
[District Rule 402]

3. The biofilter media shall be replaced at a frequency that is in accordance with manufacturer's specifications. Facility shall notify the District prior to filter media replacement and/or upon odor breakthrough; defined as when odors are detectable at the facility fence line.
[District Rule 1302(C)(2)(a)]

4. The owner/operator shall maintain a log on-site which includes at a minimum:

- Records of any maintenance, malfunction, and repairs (including the biofilter media change outs);
- Record of all odor complaints and corrective actions as necessary;
- Results of fence line odor surveys;
- Monthly, and Yearly totals of material processed by this equipment (shall not exceed 233 tons per day based on a monthly average, and shall not exceed 85,000 tons per year based on a monthly average);
- Percentage, by weight, of Green Waste, and Food Waste, based on Monthly and Yearly totals;
- Records of the semi-continuous temperature readings;
- Annual Back Pressure differential readings, at full design flow;
- Monthly inspection of the aeration floor orifices, as required by condition 13, and
- Daily records of activities including but not limited to operating date, daily operating hours, weight, volume, and type of material processed. (shall not exceed 233 tons per day based on a monthly average)

This log shall be maintained on-site for a minimum of two years and provided to District, State, or Federal personnel upon request.
[District Rule 1302(C)(2)(a)]

5. The material processed by this equipment shall not exceed 233 tons per day based on a monthly average. The amount of material processed in the equipment shall be recorded each day of operation.
[District Rule 1302]

6. Only green waste (up to 100%, by weight) and food waste (up to 40%, by weight) shall be processed by this equipment.
[District Rule 1302]

7. Materials processed shall contain sufficient natural and/or added moisture to preclude violations of District rules 401, 402 and 403. Sufficient water and the equipment for adding it to the process and unpaved roads on the facility shall be maintained in operable condition at all times.
[District Rule 204]

8. During the active phase of composting:

- The aeration fan shall run continuously to maintain a negative pressure in the aeration exhaust plenum.
- The motorized dampers will be controlled automatically to modulate the airflow from each CASP zone into the exhaust plenum.
- The flow from the exhaust plenum shall be discharged through the biofilter.

[District Rule 1302]

9. During the retention time in the Covered Aerated Static Pile (CASP) compost facility, the temperatures shall be automatically measured and recorded semi continuously using 24" long temperature probes.
[District Rule 1302]

10. The biofilter shall be maintained per specifications of the designer including:

- A six inch layer of finish compost to further serve as a biofilter and odor control,
- A minimum depth of 3 ft of biofilter material such as wood chips,
- Baseline backpressure shall be measured when new media is installed. A maximum increase in backpressure over baseline backpressure shall be 4 static inches of water column through the media at full design flow. The backpressure at design flow shall be tested annually. If the backpressure is found to exceed this threshold, the media will be removed and replaced. If the surface of the biofilter develops cracks or fissures, an additional layer of approximately 12-24" of biofilter media will be added and the back pressure will be checked, as described above.

d. The owner/operator shall be prepared to demonstrate compliance with these requirements upon request of the MDAQMD Inspector.
[District Rule 1302]

11. The operator shall inspect the aeration floor in each CASP zone on a monthly basis, and clear aeration orifices, as necessary, to ensure proper air distribution during the composting cycle. Records of this inspection shall be kept and made available to District Staff upon request.
[District Rule 1302]

12. Owner/operator shall not discharge into the atmosphere a visible emission with a shade as dark or darker than Ringelmann 1, or with an opacity of 20% or greater, for a period aggregating more than three minutes in any one hour.
[District Rule 204]

13. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.
[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]