



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

C008095

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 2025

OWNER OF OPERATOR (Co. #1021)

SBCo Solid Waste Management
222 West Hospitality Lane, 2nd Floor
San Bernardino, CA 92415-0017

EQUIPMENT LOCATION (Fac. #2392)

SBCo - Landfill/Hesperia
5500 Hesperia Dump Rd
Hesperia, CA 92340

Description:

LANDFILL GAS COLLECTION AND VOC CONTROL SYSTEM consisting of: CLOSED Landfill, identified as SWIS Number 36-AA-0050. Landfill is no longer subject to the the Landfill Methane Regulation as it is closed with a WIP of over 450,000 tons, and a most recent HIC of less than 3.0 MMBTU/hr. See: 17 CCR 95463(b)(1)(B); <https://www.arb.ca.gov/regact/2009/landfills09/landfillfinalfro.pdf>. Facility Elevation is 3695 feet.

EQUIPMENT

Capacity	Equipment Description
0	Landfill Gas Fuel Filter/Knockout Vessel, with a Demister Filter Pad rated at 99.9% removal efficiency for particulates.
7.5	Blower(s) A and B, one is spare, both are model TBG 24-7.5, manufactured by Hauck and each has a rating of 7.5 hp, which is variable frequency drive and pulls about 500 ACFM.
0	Flame arrestor, to be horizontal, with aluminum housing and stainless steel element (or equivalent).
0	Flow Element, averaging Pitot tube (or equivalent).
0	Compressor Skid Assembly with Two Compressors, one complete unit is spared, which consists of reciprocating air compressors supplying 6.2 cfm of 100 psi air as a minimum. These units have automatic shut-off valves and 3 micron particulate filters a common 30 gallon air receiver and common air drier and compressed air lines to the field pump stations.
0	Condensate Holding Tank of 3,000 gallon capacity with 4,700 gallon secondary containment tank.
0	Condensate Holding Tank of 3,000 gallon capacity with 4,700 gallon secondary containment tank. Also contains seismic restraints, sight glass, vent line with activated carbon canister.

Fee Schedule: 1 (a)

Rating: 40bhp

SIC: 4953

SCC: 50100406

Location/UTM(Km): 473E/3808N

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.

SBCo Solid Waste Management
222 West Hospitality Lane, 2nd Floor
San Bernardino, CA 92415

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

Capacity	Equipment Description
0	Landfill Gas Extraction Wells, 6 vertical to depth of 75% of refuse, made of PVC or HDPE with LFG flow control valve and sampling ports.
0	Field Pump Station, manually or pneumatically operated to convey condensate to the 3,000 gallon holding tank.
50	Generator: If less than 50 bhp rating, it does not require a separate permit. If 50 bhp or greater rating, it does require a separate permit.

CONDITIONS:

1.The owner/operator must keep daily, monthly and yearly logs to indicate hours of operation. This log shall be kept on site for a minimum of five (5) years and made available to MDAQMD, State, and Federal personnel upon request.
[District Rule 1320]

2.Operation of this equipment shall be in strict compliance with all the information submitted with the application for which this permit has been issued, unless specifically exempted hereunder.
[District Rule 1302]

3.The owner/operator shall take a Landfill Gas sample on a annual basis from the outlet duct subsequent to the flame arrestor for determination of Non-Methane Organic Carbon (NMOC). The sample shall be analyzed using Method 25c or SCAQMD Method 25.1. The owner/operator shall submit to the District and the CARB these annual reports of the measurements of NMOC, flow rates and destruction removal efficiencies.
[District Rule 1302]

4.All Tests, Results, and Emissions Information, including Methane Emissions, shall be submitted electronically to the MDAQMD at reporting@mdaqmd.ca.gov, and the California Air Resources Board (CARB) at ARBLMR@arb.ca.gov.
[District Rule 204]

5.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]