



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

AUTHORITY TO CONSTRUCT

C010802

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: OCTOBER 2026

OWNER OF OPERATOR (Co. #1021)

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

EQUIPMENT LOCATION (Fac. #3400)

SBCo - Landfill/Landers
5200 Winters Rd.
Landers, CA 92285

Description:

SOIL VAPOR EXTRACTION AND LANDFILL GAS COLLECTION AND CONTROL SYSTEM consisting of: associated Landfill identified as SWIS (Solid Waste Information System) Number 36-AA-0057 and Classified as Active; see: <https://www2.calrecycle.ca.gov/SolidWaste/Site/Summary/2664> The facility has been operated by the SWMD since the beginning of operations in 1965. LSL is permitted under the Solid Waste Facility Permit (SWFP) by CalRecycle to receive a maximum of 1,200 tons per day (tpd). Of the total 1,200 tpd, 200 tpd is the maximum amount designated for liquid septic waste. In November 2022, SWMD commenced construction on the LSL expansion and therefore became subject to 40 CFR 60, Subpart XXX. LSL established a design capacity of 13.98 million cubic yards (10.69 million cubic meters). This design capacity exceeds the 2.5 million Mg threshold set forth in 40 CFR 60.762(b)(1)(i). This Landfill is categorized as NOT Controlled pursuant to the California Landfill Methane Regulation as this GCCS utilizes Carbon Adsorption which does not control Methane Gas emissions. Landfill is also Permitted under Federal Operating Permit Number 102103400. Facility Elevation is 3278 feet above sea level.

EQUIPMENT

Capacity	Equipment Description
0	Soil Vapor Extraction (SVE) Wells
0	Landfill Gas (LFG) Well
0	Manual Condensate Tanks - 2 each
0	Landfill Gas Filter and Knockout Vessel - 1 each - #V-1
15	Gas Blower #B-1

Fee Schedule: 11 (N/A)

Rating: 1 device

SIC: 4953

SCC: 50100406

Location/UTM(Km):
556E/3792N

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
Executive Director

Capacity	Equipment Description
15	Gas Blower #B-2
0	Flame Arrestors FA-1
0	Adsorption Vessel 2,000 lbs granular activated carbon (GAC) - #V-2A
0	Adsorption Vessel 2,000 lbs granular activated carbon (GAC) - #V-2B
0	Vent stack, minimum 15 foot high
0	Sump #2
0	Adsorption Vessel 2,000 lbs granular activated carbon (GAC) - #V-2C
0	Sump #1
0	Sump #3
7.5	Compressor 1A
7.5	Compressor 1B
0	Electrical Control And Panels
0	Condensate Storage Tank With Level Transmitters
49	Diesel Generator < 49 BHP

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[District Rule 204]

2. The owner operator shall take the following samples;

a. Initial operation or following the addition of wells, for first 6 months, on a weekly schedule:

1. Gas composition and flow rate from each Vertical Soil Vapor Extraction (SVE) and or Landfill Gas (LFG) Extraction Well.

2. Granular activated carbon (GAC) vessels - inlet and outlet - for total Gaseous Non-Methane Organic Compounds (TGNMOC) using a photo ionization detector (PID) calibrated to hexane.

b. Initial operation or add additional wells for first 6 months on a monthly schedule:

1. Collect a sample in a Tedlar bag and analyze for TGNMOC and SCAQMD core group of Toxic Air Contaminant (TAC) compounds.

c. After first 6 months on a quarterly schedule:

1. Collect a sample in a Tedlar bag and analyze for TGNMOC and SCAQMD core group of TAC compounds.

[District Rules 204]

3. The owner operator shall maintain a log that contain at least the following items:

a. Dates of measurements and analyses,

b. Name of operator taking the data,

c. All flow rates,

d. Sample analyses,

e. Inclusive of calibration gas concentrations,

f. Date new SVE and/or LFG wells are added or relocated, and

g. Location and identification name of new or relocated well.

The log shall be maintained current, kept for the duration of the project and made available to District personnel on request.

[District Rule 204]

4. The owner/operator shall conduct all required compliance and certification tests in accordance with a District approved test plan.

Thirty (30) days prior to the compliance certification tests the operator shall provide a written test plan for District review and approval.

Written notice of the test shall be provided to the District ten (10) days prior to the tests so that an observer may be present. A written

report with the results of such tests shall be submitted to the District within forty-five (45) days after testing. All protocols, notifications, and test results must be submitted electronically to reporting@mdaqmd.ca.gov.

[District Rule 204]

5. All reports, tests, results, and emissions information, shall be submitted electronically to the District at reporting@mdaqmd.ca.gov, and the California Air Resources Board (CARB) at: LMR@arb.ca.gov.
[District Rule 204]

6. This facility is subject to the Standards of Performance for Municipal Solid Waste Landfills That Commenced Construction, Reconstruction, or Modification After July 17, 2014 [40 CFR Part 60 Subpart XXX]. Under this regulation, this facility is defined as an Active MSW Landfill that has a design capacity equal to or greater than 2.5 million megagrams (Mg) and 2.5 million cubic meters (m³) and has calculated NMOC emission rate is less than 34 megagrams per year (Mg/yr) NMOC as calculated according to 40 CFR 60.764. The requirements of Part III, Section A of their Title V Permit (FOP 102103400) [40 CFR Part 60 Subpart XXX] apply at all times [40 CFR Part 60 Subpart XXX]

7. 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, 17 CCR 93400 et seq., and 40 CFR 51, Subpart A]