



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

C010294

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: JULY 2025

OWNER OF OPERATOR (Co. #46)

Victorville, City of
14343 Civic Drive
Victorville, CA 92392-2399

EQUIPMENT LOCATION (Fac. #3069)

Victorville SCLA Central Treatment Facility
So 1/2 Sec 14, T6N R5W
Victorville, CA 92392

Description:

EMERGENCY FLARE consisting of: John Zink enclosed flare system with pilot rating of 0.5 MMBtu/hr of natural gas

CONDITIONS:

1. This flare shall be installed, operated and maintained in strict accordance 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 Rules 204 and 1302]

2. This flare shall only burn digester gas produced at this treatment plant. Furthermore, the facility shall only use PUC-Regulated Pipeline quality natural gas for pilot burner fuel.

[District Rules 431, 1302 and 1320]

3. An operations log shall be maintained on-site for at least five (5) years and be made available to MDAQMD personnel on request. This log shall contain, as a minimum, the following:

- a. The heating value of the digester gas in BTU/cubic foot - determined on at least a Quarterly basis;
- b. Amount of digester gas burned monthly, in cubic feet; and
- c. Amount of digester gas burned in each consecutive 12 month period (rolling annual amount), in cubic feet

[District Rule 1302]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 4952

SCC: 10300799

Location/UTM(Km): 466E/3830N

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.

Victorville, City of
Public Works - Fleet Division

Victorville, CA 92392-2399

By: **COPY**

Brad Poiriez

Air Pollution Control Officer

4.The applicant shall comply with all applicable MDAQMD Rules and Regulations. Applicable rules include, but are not necessarily limited to Regulation IV.

5.In order to remain below the 80% significance threshold for USEPA Major Source designation ("SM-80"), emissions from the entire facility shall not exceed the following limits:

- a. Oxides of Nitrogen (NOx): 20 tons per consecutive twelve month period, measured as NO₂;
- b. Oxides of Sulfur (SOx): 20 tons per consecutive twelve month period;
- c. Volatile Organic Compounds (VOC): 20 tons per consecutive twelve month period;
- d. Carbon Monoxide (CO): 80 tons per consecutive twelve month period;
- e. Hydrogen Sulfide (H₂S): 8 tons per consecutive twelve month period;
- f. Lead (Pb): 0.48 tons per consecutive twelve month period;
- g. Particulate Matter 10 microns and less (PM₁₀): 12 tons per consecutive twelve month period;
- h. Any single Hazardous Air Pollutant (HAP): 8 tons per consecutive twelve month period; and
- i. All HAPs combined: 20 tons per consecutive twelve month period.

Compliance shall be demonstrated to the District through the submission of a District approved Comprehensive Emission Inventory Report (CEI) or other equivalent and District approved method.

[District Rules 1302 and 1320]

6.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]