



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

I014386

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: JUNE 2026

OWNER OF OPERATOR (Co.#2743)

Department of General Services
707 3rd 4th Street
West Sacramento, CA 95605

EQUIPMENT LOCATION (Fac.#4165)

CA Dept. of Food & Agriculture - Needles
0.8 mi W of Goffs Rd. Interchange
Needles, CA 95605

Description:

OSWI (OTHER SOLID WASTE INCINERATOR)*, LPG consisting of: A Firelake Manufacturing refractory lined dual chamber contraband incinerator, Model P77-3 SC8, 122" L x 73" W x 148" H. Consisting of three (3) burners for an aggregated unit rating of 2.8 MMBtu/hr, primary chamber volume of 77 cubic feet, secondary afterburner volume of 8 cubic feet. Maximum burn rate of 2540 lb/hr. *Please note: This combustion unit is not subject to the New Source Performance Standards (NSPS) for OSWI (40 CFR 60, Subpart EEEE), as this unit is solely used to combust contraband or prohibited goods and is owned/operated by a government agency [40 CFR 60.2887(p)].

CONDITIONS:

1. This Other Solid Waste Incinerator (OSWI) 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 air 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 1302]

2. This OSWI shall be fired on commercial grade Liquefied Petroleum Gas (LPG) fuel only.
[District Rule 1302(C)(2)(a)]

3. Fuel consumption shall be monitored using fuel meter or calculated based on equipment annual average operation, and reported in standard cubic feet or gallons.

Fee Schedule: 4 (N/A)

Rating: 20.435 square feet SIC: 9461

SCC: 50300101

Location/UTM(Km):
718E/3858N

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.

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707 3rd 4th Street
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By: **COPY**
Eldon Heaston
Air Pollution Control Officer

[District Rule 431 and 1302]

4. The owner/operator shall maintain an operations log for this OSWI on-site and current for a minimum of five (5) years, and log shall be provided to District personnel upon request. The operations log shall include, at a minimum, the following information:

- a. Total operation time (hours per month and a twelve (12) month rolling summation);
- b. Total fuel consumed annually (reported in standard cubic feet or gallons, twelve (12) month rolling summation);
- c. Daily and annual weights (in pounds, twelve (12) month rolling summation) of each charge including type of contraband/prohibited good combusted (agricultural or illegal drugs);
- d. Cumulative daily records of charge weight of each type of material in pounds (or equivalent charge in pounds derived from ash weight);
- e. Records of the results of monthly visible emissions checks, made in accordance with 40 CFR 60, Appendix A, Method 22 (including name of observer, date and result of observation);
- f. Records of any malfunctions or visible emissions exceedances, including dates and durations, a description of each malfunction, and the corrective action taken for each malfunction; and,
- g. Records of all maintenance and repair actions performed on this equipment by nature and date.

[District Rule 1302(C)(2)(a)]

5. This OSWI may only be used to combust contraband or prohibited goods, which includes agricultural material that can not be transported across State lines to prevent biocontamination. Furthermore, this OSWI may only be owned and operated by a government agency.

The use of this incinerator for any material other than contraband or prohibited goods, or ownership and/or operation by a non-governmental agency may trigger offsets, BACT, New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), and/or require submission of a Title V permit application.

[District Rules 1302 and 1303; 40 CFR 60.2887(p)]

6. The maximum quantity of material incinerated by this OSWI must not exceed any of the following:

- a. No more than 40 lbs/charge of illegal drugs;
- b. No more than 360 lbs/day of illegal drugs;
- c. No more than 750 lbs/charge of agricultural material; and,
- d. No more than 4,500 lbs/day of agricultural material.

[District Rules 407, 1320 and 1520]

7. This OSWI shall not operate for more than 9 hours per day (midnight to midnight). Before these limitations can be increased, the facility is required to submit to the District an application to modify the permit, which may trigger BACT review and may necessitate a Health Risk Assessment (HRA). In addition, public notice and/or a commenting period may be required.

[District Rules 1302, 1303, and 1320]

8. All emissions from this OSWI must be drawn through the secondary chamber for final emissions control. The OSWI, secondary chamber and associated ductwork must be maintained and operated in accordance with the manufacturer's instructions.

[District Rules 1302, 1320 and 1520]

9. This OSWI shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty (20) percent opacity for a period or periods aggregating more than three minutes in any one hour. Compliance with this limitation shall be verified via monthly EPA Method 22 visible emissions checks. These checks must be conducted in accordance with 40 CFR 60 Appendix A, Method 22.

[District Rule 401, 40 CFR 60, Appendix A, Method 22]

10. In the event of a malfunction or any observation of visible emissions during monthly Method 22 checks of this OSWI, this unit must be shut down as soon as safely possible and shall not be restarted until all malfunctions have been corrected. Equipment breakdowns shall be reported to the District in accordance with District Rule 430.

[District Rules 430 and 1302]

11. In the event visible emissions are present during monthly Method 22 checks, in lieu of initiation of shutdown/malfunction procedures, a certified Visible Emissions Evaluation (VEE) reader may perform an EPA Method 9 evaluation in order to determine whether an exceedance of the twenty (20) percent opacity limitation has occurred. The Method 9 observations must start within thirty (30) minutes of the initial observation of visible emissions and the results of the Method 9 evaluation shall be documented, including any corrective actions taken to resolve the noncompliance.

[District Rule 401]

12. Ash collection from this OSWI must be handled, stored, and disposed of in a manner minimizing entrainment into the atmosphere.

[District Rule 402]

13. A facility wide Comprehensive Emission Inventory (CEI) Plan and Report 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]