



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B014069

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2021

OWNER OF OPERATOR (Co.#2583)

Jones Water Trucks dba JWT Site Management
24724 Quarry Road
Apple Valley, CA 92307

EQUIPMENT LOCATION (Fac.#4002)

JWT Site Management
24724 Quarry Road
Apple Valley, CA 92307

Description:

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: A certified Tier 4 interim diesel engine, USEPA Family ECPXL27.0HYA, manufactured in 2014 and equipped with factory-installed emission controls. Exhaust flow is 4766 ACFM at 860 degrees Fahrenheit through a TBD foot tall by TBD inch diameter stack. This engine is also registered in the CA PERP under registration number 188526.

One Caterpillar, Diesel fired internal combustion engine Model No. C27 and Serial No. ZR00540, Charge Air Cooler, Direct Injected, Electronic Control Module, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Turbo Charged, producing 1207 bhp with 12 cylinders at 1800 rpm while consuming a maximum of 53.5 gal/hr. This equipment powers a Caterpillar Generator Model No. XQ800 and Serial No. TBD, rated at 725 kW.

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 0.45 | gm/bhp-hr |
| NOx | 2.31 | gm/bhp-hr |
| PM10 | 0.037 | gm/bhp-hr |
| PM2.5 | 0.037 | gm/bhp-hr |
| SOx | 0.0043 | gm/bhp-hr |
| VOC | 0.10 | gm/bhp-hr |

CONDITIONS:

Fee Schedule: 1 (d)

Rating: 1207 bhp

SIC: 1442

SCC: 20100102

Location/UTM(Km):
488E/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.

Jones Water Trucks dba JWT Site
Management
P.O. Box 2549
Clovis, CA 93613

By: **COPY**
Brad Poiriez
Executive Director

1. This equipment 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 Rule 1302]

2. This unit shall only be fired on ultra-low sulfur diesel fuel whose sulfur concentration is less than or equal to 0.0015% (15 ppm) on a weight per weight basis per CARB Diesel or equivalent requirements; or alternative diesel fuel, or CARB diesel fuel utilizing fuel additives, that has been verified through the Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines.
[Title 17 CCR 93116.3(a)]

3. This engine and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days: This equipment must be moved for a valid business purpose at least annually.
[Title 17 CCR 93116; District Rules 1302, 1303, and 1320]

4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[Title 17 CCR 93116.4(b)(2)(A)]

5. The owner/operator shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:

- Date of each use, location of each use (decimal degrees, xx.xxxxx;-yyy.yyyyy), and duration of each use (in hours);
- Monthly and consecutive 12 month period hours of operation (in hours);
- Calendar year operation in terms of fuel consumption (in gallons) or total hours;
- Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).

[Title 17 CCR 93116.4(c)]

6. When this equipment is operated at any location (within the MDAQMD's jurisdiction) other than 25220 Quarry Road in Apple Valley, California, it shall not be operated closer than:

- 1000 feet (304 meters) from any Critical Receptor, defined as a School K-12 or Health Care Facility. Such operation will require the submittal of an application for a revised permit to operate so that the applicable requirements of the California Health and Safety Code Section 42301.6 will be met, and;
- 1000 feet (304 meters) from any residence.

[District Rule 1302 and H&S Code 42301.6 Permit Approval: Powers & Duties of APCO]

7. This facility is limited to less than 25 TPY NO_x. No additional equipment that has the potential to emit NO_x, other than this engine, may be operated as part of the same operation without first obtaining written authorization from the District.
[District Rule 1302]

8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater. In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.
[Title 17 CCR 93116, District Rule 1302]

9. 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]