



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

B009814

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: OCTOBER 2013**

### **OWNER OF OPERATOR (Co.#1654)**

New Cingular Wireless PCS, LLC  
311 S. Akard Street, 12th Floor  
Dallas, TX 75202

### **EQUIPMENT LOCATION (Fac.#2346)**

New Cingular Wireless - Pole Line Dr  
16433 Pole Line Drive  
Havasupai Lake, AZ 86426

#### **Description:**

DIESEL IC ENGINE, GENERATOR consisting of: Year of Mfg 2008, Certified Tier III Engine, CARB Engine Family, 8PKXL04.4J1, Certification EO #, U-R-022-0110, equipped with a MIRATECH Particulate Trap, Model CBS2V-2-3-SS, CARB EO # DE-05-006, that includes a backpressure monitor. Engine powers an Electrical Generator Model D80-6, Serial No. TBD, generating 72 Kw.

One Perkins, Diesel fired internal combustion engine Model No. C4.4 and Serial No. TBD, Direct Injected, Turbo Charged, producing 130 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 6.0 gal/hr. This equipment powers a CATERPILLAR Generator Model No. D80-6 and Serial No. TBD, rated at 72 Kw.

#### **EMISSIONS RATES**

Emission Type	Est. Max Load	Unit
CO	2.6	gm/bhp-hr
NOx	2.86	gm/bhp-hr
PM10	0.01	gm/bhp-hr
SOx	0.002	gm/bhp-hr
VOC	0.14	gm/bhp-hr

#### **CONDITIONS:**

Fee Schedule: 1 (b)      Rating: 130 bhp      SIC: 4813      SCC: 20100102      Location/UTM(Km): 760E/3800N

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.

New Cingular Wireless PCS, LLC  
ATTN: EH&S  
  
Dallas, TX 75202

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

1.This certified, stationary, compression-ignited, internal combustion engine and control devices 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.

[40 CFR 60.4211(a) - Subpart IIII - NSPS for Stationary Compression Ignition ICE]

2.This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15ppm) on a weight per weight basis per CARB Diesel or equivalent requirements. Additionally, the fuel shall have a Minimum Cetane index of 40 or max aromatic content of 35% by volume.

[40 CFR 60, Subpart IIII; 17 CCR 93115; Rule 204]

3.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.

[40 CFR 60, Subpart IIII; 17 CCR 93115; Rule 204].

4.The o/o shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of three (3) 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:

- a. Date of each use and duration of each use (in hours);
- b. Daily fuel usage;
- c. Calendar year operation in terms of fuel consumption (in gallons), and total hours;
- d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log);
- e. Fuel Cetane index (minimum of 40) or aromatic content (maximum of 35% by volume);
- f. Initial and monthly Diesel Particulate Trap (DPF) back pressure results;
- g. Records of corrective action;
- h. Documentation of engine certification, and
- i. Records of engine maintenance. [40 CFR 60, Subpart IIII; 17 CCR 93115; Rule 204]

5.Based on data submitted by applicant the Diesel Particulate Matter emissions from this diesel ICE complies with the diesel particulate requirements of 17 CCR 93115. [Rule 204]

6.This diesel fired ICE is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115) and 40 CFR Part 60, Subpart IIII-Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (NSPS). In the event of conflict between these Conditions and the ATCM or NSPS, the more stringent requirements shall govern. [Rule 204]

7.This engine is remotely located as line power is not available, and is the prime power source at this location. An emergency back-up Genset to this unit is permitted as an emergency device operating under valid District permit E009966. [Rule 204]

8.This equipment shall not operate unless equipped with a properly functioning CARB Verified MIRATECH Particulate Trap, Model CBS2V-2-3-SS, CARB EO # DE-05-006 that includes a backpressure monitor that continuously logs exhaust temperature and back pressure data; temperature and back pressure shall be kept within the manufacturers recommended ranges whenever the equipment is in operation. [Rule 204]