



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

B009355

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: JUNE 2011**

### **OWNER OF OPERATOR (Co.#1021)**

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

### **EQUIPMENT LOCATION (Fac.#2392)**

SBCo - Landfill/Hesperia  
5500 Hesperia Dump Rd  
Hesperia, CA 92340

#### **Description:**

DIESEL IC ENGINE consisting of: Year of Manufacture tbd: Tier 0

One Onan/Cummings, Diesel fired internal combustion engine Model No. DGBB-4478022 and Serial No. C000078159, producing 63 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 3.0 gal/hr. This equipment powers a Pump Model No. and Serial No., rated at.

#### **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.

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. (17 CCR \S 93115(e)(1)(A))

3. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time. (17 CCR \S 93115(e)(4)(G)1.)

4. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of three (3) years, with records kept on-site for two (2) years, and 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. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and, c. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).

Fee Schedule: 1 (b)

Rating: 63 bhp

SIC: 4953

SCC: 20300101

Location/UTM(Km): 473E/3808N

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**  
Air Pollution Control Officer

5.The Diesel Particulate Matter emission from this diesel ICE has (or must comply) complied with the following control option as required by the appropriate compliance date in either Conditions 7 or 8: Option 1. 85% reduction in emissions from baseline levels. (17 CCR \S93115(e)(1)(D)1.a.)

6.The hydrocarbon (HC), oxides of nitrogen (NOX), non-methane hydrocarbons plus NOX (NMHC+NOx) and carbon monoxide (CO) emissions from this diesel ICE has complied with the following emission option as required by the compliance date in either Conditions 7 or 8. Emissions standards for off-road engines of the same model year and rated power as specified in 13 CCR \S2423 or 'Tier 1' standards if no such standards exist. (17 CCR \S93115(e)(2)(D)2.a.)

7.Owner/Operators of 3 or fewer diesel fueled ICEs within the District must comply with applicable requirements by the following dates: Pre 1989 - 1989 model year engines comply by. 1/1/2006 (17 CCR (f)(2)(A)) 1990 - 1995 model year engines comply by 1/1/2007. (17 CCR \S93115(f)(2)(B)) 1996 - 2004 model year engines comply by 1/1/2008. (17 CCR \S93115(f)(2)(C)) [Note: 2005 engines are considered 'new'. (17 CCR \S193115(g)(2))]

8.Owner/Operators of 4 or more diesel fueled ICEs within the District must comply with applicable requirements with the following percentage of engines by the following dates: Pre 1989 - 1989 model year engines: 50% of engines comply by 1/1/2007 70% of engines comply by 1/1/2008 100% of engines comply by 1/1/2009 1990 - 1995 model year engines: 30% of engines comply by 1/1/2007 60% of engines comply by 1/1/2008 100% of engines comply by 1/1/2009 1996 - 2004 model year engines: 50% of engines comply by 1/1/2008 100% of engines comply by 1/1/2009 [Note: 2005 engines are considered 'new'. (17 CCR \S193115(g)(2))]

9.The owner/operate must submit the required control strategy to District for compliance with emissions limitations 6 months prior to the appropriate compliance date(s) in either Conditions 7 or 8. \*. (17 CCR \S93115(e)(4)(A)4.)

10.The owner/operate must submit the required emissions data to District prior to appropriate compliance date(s) in either Conditions 7 or 8 for the engine. (17 CCR \S93115(e)(4)(D))

11.This diesel fired ICE is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115). In the event of conflict between these Conditions and the ATCM, the more stringent requirements shall govern.

12.This ICE is currently in Violation of the Diesel ATCM emission reduction timeline; the owner/operator shall take immediate steps to replace this unit with one that is at least Tier III compliant. A District approved Authority To Construct Permit is required prior to changing equipment.