



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

C004804

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: JULY 2011**

**OWNER OF OPERATOR (Co.#2)**

CALNEV Pipe Line, LLC  
1001 Louisiana Street  
Houston, TX 77002-5089

**EQUIPMENT LOCATION (Fac.#353)**

CALNEV - Barstow Terminal  
34277 Daggett-Yermo Road  
Daggett, CA 92327

**Description:**

SOIL REMEDIATION EQUIPMENT consisting of: A Soil Vapor Extraction and Treatment System, manufactured by Vapor Extraction Technology, Model VET-200, for Non-Halogenated Hydrocarbon Soil Remediation, including; Vapor Extraction Wells, Extraction Blower, with a maximum flow rate of 200 acfm, powered by a 5 hp motor, and an electrically heated 0.5 MMBTU/Hr Silica Bed Thermal Regenerative Oxidizer.

**CONDITIONS:**

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted under which this permit is issued unless otherwise noted below.
2. This equipment shall be properly maintained and kept in good operating conditions at all times.
3. Upon completion, any vapor extraction wells and ducts shall be capped to prevent vapors from venting to atmosphere. Vapors shall not be extracted from the soil unless they are vented to the vapor control system, with no detectable leak between the outlet of the blower and the outlet of the vapor control system.
4. A flow sensor (indicator) shall be installed and maintained at all streams to the vapor control system to indicate the total flow rate in cubic feet per minute (cfm). The total flow rate shall not exceed 200 cfm. In case a pressure sensor is used in place of the flow indicator, a conversion chart shall be available to indicate the corresponding flow rate, in cfm, to the pressure reading.

Fee Schedule: 7 (i)

Rating: 1 device

SIC: 5171

SCC: 9999999

Location/UTM(Km):  
510E/3859N

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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By: **COPY**  
**Eldon Heaston**  
Air Pollution Control Officer

5. An identification tag or nameplate shall be displayed on the equipment to show manufacturer model no. and serial no. The tag(s) or plate(s) shall be issued by the manufacturer and shall be adhered to the equipment in a permanent and conspicuous position.

6. VOC concentration at the outlet of the vapor control system shall not exceed 10 ppmv as hexane.

7. Thermal Oxidizer:

A temperature measurement and recording device with an accuracy of plus or minus 20 degrees Fahrenheit shall be installed and maintained at the outlet of the combustion chamber. The operator shall maintain the temperature at no less than 1,400 degrees Fahrenheit.

8. VOC concentration shall be measured at the outlet of the vapor control system at least once every 7 operating days by using a flame ionization detector or a district approved organic vapor analyzer calibrated in parts per million by volume (ppmv) as hexane (if another calibration agent is used, it shall be correlated to and expressed as hexane.)

9. The operator shall maintain records to show compliance with condition no. 4, 6, and 8. Records shall be maintained current, on-site for a minimum of five (5) years and provided to District, state or federal personnel on request.