



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

C009550

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: FEBRUARY 2008

OWNER OF OPERATOR (Co.#987)

ConocoPhillips Company
P.O. Box 25376
Santa Ana, CA 92799-5376

EQUIPMENT LOCATION (Fac.#2830)

ConocoPhillips Co - Remediation/ Phelan
8324 Hwy 138
Phelan, CA 92371

Description:

SOIL REMEDIATION EQUIPMENT consisting of: SLABY Environmental Carbon Adsorption Soil Vapor Extraction System, with Two (2) 2000 lb V-2000 carbon vessels in series. 250 scfm exhaust flow rate

CONDITIONS:

1. Operation of this equipment shall be in strict compliance with all the information submitted with the application, for which this permit has been issued, unless specifically exempted hereunder.
2. During operation of this unit, the o/o shall take bag samples at both the inlet and outlet of the carbon adsorbers. These samples shall be taken monthly and on the first, second and last days of operation at each site. These bag samples shall be analyzed pursuant to USEPA methods 8015 modified and 8021.
3. During operations of this unit, the o/o shall monitor both the inlet and outlet of the carbon adsorber with a PID (or equivalent) weekly and for the first 8 consecutive hours of the first day and 8 hours of the second day of operation and the last days of operation. Included with the monitoring shall be the flow rate in SCFM to the adsorption unit.
4. PID or equivalent shall be considered invalid if not calibrated on the day of required use.
5. Items required to be logged are as follow:
 - a. Reduced pressure value, in w.g., if this may yield flow rate to remediation unit.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 4959

SCC: 99999999

Location/UTM(Km):
448E/3809N

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.

ConocoPhillips Company
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Santa Ana, CA 92799-5376

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

- b. Flow rate of the vacuum pump, SCFM;
- c. Temperature of the carbon adsorbers.
- d. All items logged shall be with the same frequency in condition # 3.

6. Where determinations and/or logs are required in any conditions in this permit, the District shall have final approval on the selected format of reporting. All logs shall be kept current, on-site for the duration of the project and provided to District personnel on request. At the completion of the use of this unit at any site, the o/o shall cap off all well heads and provide all the data delineated above in the form of a summary report within 30 days.

7. If this unit is to remain at a site for longer than 30 days before being moved, all analytical and FID (or equivalent) results shall be forwarded to the District upon receipt and referenced with this permit number.

8. This unit shall not be used on sites which contain contaminants other than TPH and/or BTEX without the prior written approval of the APCO.

9. The emissions of benzene to the atmosphere shall not exceed 0.0323 lb/day and 2.14 lb/year.

10. Prior to January 31 of each new year, the o/o of this unit shall submit to the District a summary report, using District approved format, of all VOC emissions (as hexane) and benzene for the site at which this unit was used.

11. Owner/operator shall measure carbon vessel inlet, mid-point and effluent samples with a portable photo-ionization detector (PID) on a weekly schedule to monitor the hydrocarbon loading efficiency. When the VOC adsorption efficiency, measured as hexane, drops below 90%, the carbon adsorber shall be replaced as follows:

- 1. Primary carbon adsorber shall be replaced with either fresh activated carbon or adsorbent from the secondary carbon adsorber.
- 2. Secondary carbon adsorber shall be replaced with fresh activated carbon.