



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

C009380

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: MAY 2013

OWNER OF OPERATOR (Co.#1911)

ARCADIS-US, Inc.
101 Creekside Ridge Ct, Fl 2
Roseville, CA 95678-3595

EQUIPMENT LOCATION (Fac.#2972)

Arcadis - ARCO 1026
21727 Highway 18
Apple Valley, CA 92307

Description:

SOIL REMEDIATION EQUIPMENT consisting of: a Therm-Tech, Inc. VAC-50 vapor extraction system. The system is fired by natural gas with optional catalytic oxidizer. The system also includes the necessary piping, valving, electrical and monitoring equipment to move volatiles from the wells to the unit, at flow rate of 500 cfm.

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. The District shall be notified in writing and by phone at (760) 245-1661, a minimum of 10 District working days prior to operation of this equipment. The owner/operator shall provide the following information at that time:
 - (A) The Permit Number of the portable equipment
 - (B) The name and phone number of a contact person
 - (C) The location where the portable equipment will be operated
 - (D) The estimated time the portable equipment will be located at the site
 - (E) Description of the project
 - (F) The distance to the nearest off-site receptor, defined as; long-term Health Care Facilities, Rehabilitation Centers, Convalescent Centers, Retirement Homes, Residences, Schools, Playgrounds, Child Care Centers, Businesses and Athletic Facilities.

Note: Equipment shall not be operated unless it is located at a minimum of 25 meters from the nearest off-site receptor as defined above.

Fee Schedule: 7 (h)	Rating: 1 device	SIC: 8711	SCC: 9999999	Location/UTM(Km): 482E/3820N
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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

3. During these operations, determinations for TPH as hexane, or equivalent, shall be made using a flame ionization detector, FID, or other method determined to be equivalent by this District. Monitoring shall be for at least the first 3 consecutive hours on the first day of start-up. Monitoring may be reduced to monthly following start-up, but shall consist of at least bag samples analyzed according to USEPA methods 8015, modified and 8260B, until the project is completed.
4. Emissions determinations shall be conducted at both the inlet to and the outlet of the catalytic oxidizer/combustor.
5. FID or equivalent shall be considered invalid if not calibrated on the day of required use.
6. Items required to be logged are as follow:
 - a. Reduced pressure value, in w.g., if this may yield flow rate to combustor/oxidizer;
 - b. Flow rate of the vacuum pump, SCFM;
 - c. Temperature of the combustor/oxidizer;
 - d. All items in 3-6 above and with the same frequency in 4 above.
7. Where determinations and/or logs are required in any of the above conditions, this 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.
8. 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.
9. 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.
10. The emissions of benzene to the atmosphere shall not exceed 0.25 lb/day nor 6.7 lb/year.
11. Prior to January 31 of each new year, the o/o of this unit shall submit to the District a summary report of all VOC emissions (as hexane) and benzene for the site at which this unit was used. Also included shall be the total amount of propane used for the year.
12. Equipment proposed to be located closer than 1000 feet to a school, defined as Kindergarten through twelfth grade, requires a 30 day public notification and review period.