



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

C011110

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: JANUARY 2018**

**OWNER OF OPERATOR (Co.#1603)**

E2C Remediation  
1020 Winding Creek Rd., Suite #100  
Roseville, CA 95678

**EQUIPMENT LOCATION (Fac.#3237)**

E2C Remediation - 945 E Hobsonway  
945 E Hobsonway  
Blythe, CA 92225

**Description:**

SOIL VAPOR EXTRACTION AND TREATMENT SYSTEM (ECAT) consisting of: A trailer-mounted Electric Catalytic Oxidizer system composed of a Solleco 300 ECAT Oxidizer and a 15 hp Tuthill Positive Displacement (Roots Type) vacuum pump. Overall system destruction efficiency is 95%, maximum flow rate is 300 scfm, and nominal operating catalyst inlet temperature range is 600 degrees to 650 degrees Fahrenheit.

**CONDITIONS:**

1. This equipment shall be installed, operated and maintained in strict accordance 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. [District Rule 204]
2. The owner/operator (o/o) shall notify the District in writing a minimum of 10 District working days prior to operation of this equipment at each new location in the District. This notification shall include both the expected VOC contaminant concentrations as well as the expected halogenated hydrocarbon concentrations at the new location. [District Rules 204 and 1320]
3. The o/o shall take samples at both the inlet and outlet of the oxidizer. These samples shall be taken each month this unit operates, and on the first and last days of operation at each site. These samples shall be analyzed pursuant to Modified USEPA Methods TO-3 and TO-15. [District Rules 204 and 1320]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 4959

SCC: 30622001

Location/UTM(Km):  
724E/3722N

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

4. During operations of this unit at each site, the o/o shall monitor both the inlet and outlet of the oxidizer with an photoionization detector (PID) or equivalent monthly, for the first 4 consecutive hours of the first day of operation at any site, and for 4 consecutive hours of the last day of operation. Included with the monitoring shall be the flow rate in SCFM to the oxidizer.

[District Rules 204 and 1320]

5. The PID or equivalent shall be considered invalid if not calibrated on the day of required use.

[District Rule 204]

6. This system shall not emit more than 15.5 lbs of total VOCs per day to the atmosphere nor more than 0.09 lbs of halogenated hydrocarbons per day to the atmosphere.

[District Rules 1303 and 1320]

7. The o/o shall maintain current and on-site for the duration of the project a log of the following information, which shall be provided to District personnel upon request, with date and time where appropriate:

- a. Blower induced vacuum in inches of mercury;
- b. Oxidizer flow rate, in standard cubic feet per minute;
- c. Oxidizer inlet temperature in degrees Fahrenheit;
- d. PID readings; and,
- e. Test results.

8. The o/o shall submit to the District an annual summary report covering the reporting period from January 1 through December 31 of each year, of all VOC emissions (expressed as hexane) and benzene for all sites at which this unit was used, prior to January 31 of the following year.

[District Rule 204]

9. The o/o shall cap off all well heads and provide all logged data in the form of a summary report within 30 days of the completion of the use of this unit at any site.

[District Rules 204 and 1320]