MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

# INACTIVE

C012453

Inactive type Permit has no description information.

## EXPIRES LAST DAY OF: SEPTEMBER 2018

## OWNER OF OPERATOR (Co.#84)

NTC - Public Works
Bldg 602, 5th Street
Fort Irwin, CA 92310

## EQUIPMENT LOCATION (Fac.#3534)

NTC Refuse Systems
Barstow Road and Inner Loop Road
Fort Irwin, CA 923105085

**Description:**
SOIL VAPOR EXTRACTION WELLS (SVE-01 AND SVE-02) consisting of: Two skid-mounted soil vapor extraction wells: SVE-01 is 120 feet deep and SVE-02 is 114 feet deep. Maximum design flow rate for each site is 200 cfm at a maximum design pressure of 8 inches Hg.

## EQUIPMENT

| Capacity | Equipment Description |
|---|---|
| 0 | SVE-01: 120 foot deep by 3 inch diameter extraction well |
| 0 | SVE-02: 114 foot deep by 3 inch diameter extraction well |
| 0 | Knock-out Tank: 80 gallon capacity |
| 0 | Rotary Blower: 250 SCFM maximum flow rate |
| 0 | Exhaust vent: 10 foot high by 4 inch diameter |

## CONDITIONS:

1. This pilot project soil vapor extraction system 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 air contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

Fee Schedule: 7 (h) | Rating: 1 device | SIC: 4953 | SCC: 30622201 | Location/UTM(Km): 529E/3902N

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.

NTC - Public Works
Attn: Air Resources Manager

Fort Irwin, CA 92310

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

2. The District shall be notified by the owner/operator (o/o), in writing, a minimum of 10 District working days prior to the initial operation of this equipment. The notification shall include, at a minimum, the following information:
a. The permit number of the equipment being used;
b. The name and phone number of a contact person; and,
c. The project start date and the estimated project completion date.

3. The maximum flow rate through the system shall not exceed 250 SCFM. A flow meter shall be installed to verify the actual flow rate.

4. During operations of this unit, the o/o shall monitor the outlet of the exhaust stack with a photoionization detector (PID or equivalent) in accordance with the following schedule. Included with the monitoring shall be the flow rate in SCFM.The PID (or equivalent) readings shall be considered invalid if the unit is not calibrated on the day of required use.
a. Weekly readings must be taken for the first month of operation.
b. If the first four weekly tests prove by calculation that no total daily VOC emissions exceeded 2.5 pounds and the average of all four weekly PID readings prove by calculation that the average daily VOC emissions did not exceed 2.0 pounds, then the PID monitoring may be reduced to once every two weeks in the second month of operation and thence once every two months for the remainder of the pilot program.
c. One final measurement shall be taken at the end of the pilot program.

If any biweekly or bimonthly monitoring shows a VOC emission rate in excess of 2.0 pounds per day, weekly readings must be resumed until the limits noted in condition 4.b are again attained.

5. Soil gas samples shall be taken every other week for the first two months of operation, then once every other month of operation, and once at the end of operations. These samples shall be analyzed in accordance with USEPA Test Method TO-15 and the results shall be forwarded to the District no later than 60 days following the date of sampling.

6. A maximum of 2.5 pounds of Volatile Organic Compounds (VOCs) shall be released into the atmosphere in any one day.

7. An operations log shall be maintained on-site and made available to District personnel upon request. The log shall contain, as a minimum, the following:
a. Results of weekly PID measurements;
b. Weekly system flow rate readings; and
c. Descriptions of all unplanned repairs made to the system

8. Upon completion, all vapor extraction wells and ducts shall be capped to prevent vapors from venting to the atmosphere.