



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

PERMIT TO OPERATE

C011655

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: NOVEMBER 2026

OWNER OF OPERATOR (Co. #453)

Victor Valley Wastewater Reclamation Authority
20111 Shay Road
Victorville, CA 92394

EQUIPMENT LOCATION (Fac. #3407)

VVWRA - Apple Valley Plant
21060 Otoe Road
Apple Valley, CA 92307

Description:

BIOFILTER, HEADWORKS consisting of: An air pollution control system used to abate odorous air, specifically hydrogen sulfide (H₂S), generated by facility screenings area. The total airflow to the biofilter is 6,800 cfm. This system is located below grade and consists of a concrete structure consisting of three cells, each measuring 20 ft W x 30 ft L. Each cell will contain biofilter media comprised of the following media type from bottom to top: 3.5 ft lava rock 3.0 ft organic media Supporting components include: piping from headworks (screening area) blowers sprinkler system

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit to operate is issued unless otherwise noted below, and this equipment shall be properly maintained and kept in good operating condition at all times. Specifically, this equipment shall be operated and maintained so as to achieve the manufacturer's designed control efficiency for hydrogen sulfide (H₂S) of 97% or better.

[District Rule 1302(C)(2)(a)]

2. This equipment shall be in operation whenever this facility is processing wastewater influent.

[District Rule 1302(C)(2)(a)]

3. The owner/operator shall conduct odor surveys (smell test) at this facility's propertyline on a monthly basis, or more frequently as defined by the District. Any detection of odor shall be documented and corrective action shall be taken within 24 hours to reduce the

Fee Schedule: 7 (a)

Rating: 1 device

SIC: 4952

SCC: 50100701

Location/UTM(Km):
482E/3820N

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.

Victor Valley Wastewater Reclamation
Authority
P.O. Box 370
Adelanto, CA 92301

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

odors at the propertyline to below detectable limits.
[District Rule 402]

4. The biofilter media shall be replaced at a frequency that is in accordance with manufacturer's specifications. Facility shall notify the District prior to filter media replacement and/or upon odor breakthrough.
[District Rule 1302(C)(2)(a)]

5. The owner/operator shall maintain a log on-site which includes at a minimum:

- a. Records of any maintenance, malfunction, and repairs (including the biofilter media change outs);
- b. Record of all odor complaints and corrective actions as necessary; and
- c. Results of fence line odor surveys. This log shall be maintained on-site for a minimum of two years and provided to District, State, or Federal personnel upon request.

[District Rule 1302(C)(2)(a)]

6. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.
[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]