



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

### AUTHORITY TO CONSTRUCT

C013571

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

#### EXPIRES LAST DAY OF: JUNE 2025

#### OWNER OF OPERATOR (Co. #2370)

Hi-Desert Water District  
55439 Twentynine Palms Highway  
Yucca Valley, CA 92284

#### EQUIPMENT LOCATION (Fac. #3779)

Hi-Desert Wastewater Reclamation Facility  
58950 Sunnyslope Drive  
Yucca Valley, CA 92284

#### Description:

BIOFILTER consisting of: Treatment processes at the Water Reclamation Facility (WRF) include primary screening and flow equalization, grit removal and fine screening, biological treatment facilities, membrane bioreactor units, ultraviolet disinfection, chemical feed systems, solids dewatering system, treated effluent percolation ponds, and a biofilter odor control system. Facility elevation is 3227 feet above sea level.

#### 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 (H<sub>2</sub>S) of 99.9% 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 odors at the propertyline to below detectable limits.

[District Rule 402]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 4941

SCC: 50100719

Location/UTM(Km): 557E/3776N

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**  
Brad Poiriez  
Air Pollution Control Officer

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]