



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

B004306

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: SEPTEMBER 2025

OWNER OF OPERATOR (Co. #1732)

Helendale Community Services District
26540 Vista Road Suite B
Helendale, CA 92342

EQUIPMENT LOCATION (Fac. #1418)

Helendale Community Services District
28685 Helendale Road
Helendale, CA 92342

Description:

WASTEWATER TREATMENT FACILITY consisting of: Equipment Elevation is 2449 feet above sea level.

EQUIPMENT

Capacity	Equipment Description
50	Smithson Lift Station: 3 sewage pumps @ 50 hp each (two spared)
0.08	Air Compressor motors: 2 @ 0.08 hp each (one spared)
0	Grit Chamber @ 3830 gallons
1.5	Grit pump motor
0.75	Grit washer motor
1	Bar screen motor
0	Junction Structures, 2 @ 750 gallon each
0	Splinter Boxes, 2 @ 4950 gallon each
0	Primary Clarifies, 2 @ 112800 gallon each
0.75	Clarifier drive motors, 2 @ 0.75 hp each (one spared)
0	Trickling filters, 2 @ 42400 gallons each
0	Biofilters pump St. @ 18670 gallon
20	Bio feed pump motors, 2 @ 20 hp each (one spared)
0.33	Bio filter drive motors, 2 @ 0.33 hp each (one spared)

Fee Schedule: 1 (b) Rating: 176.2 bhp SIC: 4952 SCC: 50100701 Location/UTM(Km): 470E/3848N

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.

Helendale Community Services District
P.O. Box 359
Helendale, CA 92342-0359

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

Capacity	Equipment Description
0	Filtrate pump St., @ 5030 gallon
7.5	Filtrate pump motor, 2 @ 7.5 hp each (one spared)
0	Secondary clarifier, 2 @ 112800 gallon each
0.75	Clarifier drive motors, 2 @ 0.75 hp each (one spared)
0	Effluent pond, area is 240 ft by 160 ft
0.75	Plant wide operations, sump pump motors, 3 @ 0.25 hp each
0	Emergency sump pump motors 3 @ 0.25 hp each
15	Utility pump motors, 2 @ 15 hp each (one spared)
1	hydropneumatic air compressor motor
60	Process air blowers, 2 @ 60 hp each (one spared)
10	Plant air compressor motors, 2 @ 10 hp each (one spared)
0	Equalization pond, @ 9200 square ft
6.8	Equalization pump motors, 2 @ 6.8 hp each (one spared)

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 1302]

2.This facility shall not treat more than 1.2 millions gallons of waste water per day, averaged over each calendar month.
[District Rule 1302]

3.An operations log shall be maintained on-site for at least two (2) years and be made available to District personnel on request. This log shall contain, as a minimum, the following:
a. Amount of wastewater received and treated each day;
b. Repairs to listed equipment (Note: This does NOT include routine maintenance actions); and
c. The total facility-wide Volatile Organic Compound (VOC) emissions, in pounds or tons, for the most recent calendar year.
[District Rule 204]

4.The o/o shall notify the District when the flow rate becomes sufficiently high to require the use of the normally spared equipment in the description above, which would indicate full operation of the facility. When this occurs, the District will modify this permit to reflect the capacity changes. NOTE: The flow rate at the writing of this permit was sufficiently low, (e.g., 0.4-0.6 million gallons per day) to allow alternate operation of equipment at any one time. Some systems are rotated into operation on a monthly basis.
[District Rule 1302]

5.A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted 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]