



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

B003800

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: FEBRUARY 2026

OWNER OF OPERATOR (Co. #2262)

Barstow, City of - WWTP
2200 E Riverside Drive
Barstow, CA 92311

EQUIPMENT LOCATION (Fac. #500)

Barstow Wastewater Treatment Plant
2200 E Riverside Drive
Barstow, CA 92311

Description:

SECONDARY WASTEWATER TREATMENT SYSTEM consisting of:

EQUIPMENT

Capacity	Equipment Description
44	Aeration Basins, Quantity 2: 821,000 gallon capacity per Basin. Each basin has two 15 hp electric motors, two 5 hp electric motors, and two 2 hp electric motors.
500	Aeration Blowers: One 200 hp lead blower, one 200 hp lag blower, and one 200 hp standby blower.
105	Secondary Clarifiers, Quantity 4: 180,000 gallon capacity per Clarifier. Each clarifier has four 25 hp electric motors, two 2 hp electric motors, and two 0.5 hp electric motors.
35	Aerobic Digesters, Quantity 2: 405,000 gallon capacity per Digester. Each digester has one 10 hp electric motor and one 5 hp electric motor. One 5 hp motor is shared between both Digesters.
5	Pipe Gallery, including two 2 hp electric motors (Lead and Lag) and 1 hp motor.
50	Effluent Chamber, including one 20 hp lead electric motor, one 20 hp lag electric motor, and one 20 hp standby electric motor.
10	Drying Beds, 10 small, 6 large: All served by two 5 hp electric motors (Lead and Lag).
175	Irrigation Ponds, Quantity 2: Served by one 100 hp electric motor and one 75 hp electric motor.

CONDITIONS:

Fee Schedule: 1 (c) Rating: 924bhp SIC: 4952 SCC: 50100701 Location/UTM(Km): 498E/3861N

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.

Barstow, City of - WWTP
2200 E Riverside Drive
Barstow, CA 92311

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

1.This equipment shall be installed, operated and maintained in strict accord 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 4.5 million gallons of waste 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.This facility shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public.

[District Rule 402]

5.This equipment shall be operated and maintained in strict accordance with federal, state, regional and local waste discharge permits.

[District Rule 204]

6.Only two of the three aeration blowers may be operated simultaneously except for a 30 minute startup/shutdown period while switching from one motor to another.

[District Rules 204 and 301]

7.Only two of the three effluent chamber motors may be operated simultaneously except for a 30 minute startup/shutdown period while switching from one motor to another.

[District Rules 204 and 301]

8.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]