



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

B004248

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 2025

OWNER OF OPERATOR (Co.#1392)

CA DEPT OF CORR & REHAB
P.O. Box C5282
El Centro, CA 92244

EQUIPMENT LOCATION (Fac.#1422)

Chuckawalla Valley State Prison
19025 Wileys Well Road
Blythe, CA 92226

Description:

WASTEWATER TREATMENT PLANT consisting of: MAXIMUM DAILY DESIGN FLOW OF 3,200,000 GALLONS

EQUIPMENT

Capacity	Equipment Description
0	Mechanical Bar Screen
0	Mechanical Bar Screen
7.5	Influent Pumps, 7.5 HP
7.5	Influent Pumps, 7.5 HP
7.5	Influent Pumps, 7.5 HP
0	High and low water level sensors
0	Oxidation ditch approx. 278W x 52L x 13.5D
75	Aerator, 75 HP
75	Aerator, 75 HP
13.4	Submersible mixer, 13.4 HP
0	Oxidation ditch approx. 278W x 52L x 13.5D
75	Aerator, 75 HP
75	Aerator, 75 HP
13.4	Submersible mixer, 13.4 HP

Fee Schedule: 1 (d)

Rating: 1463.5 bhp

SIC: 9223

SCC: 99999999

Location/UTM(Km):
725E/3273N

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.

CA DEPT OF CORR & REHAB
ATTN: Accounts Payable

El Centro, CA 92244

By: **COPY**

Brad Poiriez

Air Pollution Control Officer

Capacity	Equipment Description
0	Secondary clarifier, 40 dia. X 12D
0	Secondary clarifier, 40 dia. X 12D
0	Secondary clarifier, 50 dia. X 15D
0	Secondary clarifier, 50 dia. X 15D
7.4	Return activated sludge pump, 7.4 HP
7.4	Return activated sludge pump, 7.4 HP
15	Return activated sludge pump, 15 HP
15	Return activated sludge pump, 15 HP
7.4	Waste activated sludge pump, 7.4 HP
7.4	Waste activated sludge pump, 7.4 HP
25	Effluent pump, 25 HP
25	Effluent pump, 25 HP
25	Effluent pump, 25 HP
0	Aerobic digester, approx. 100W x 300L x 11D
75	Aerator, 75 HP
75	Aerator, 75 HP
75	Aerator, 75 HP
0	Aerobic digester, approx. 100W x 300L x 11D
75	Aerator, 75 HP
75	Aerator, 75 HP
75	Aerator, 75 HP
125	Reclaim Water Pump, 125 HP
125	Reclaim Water Pump, 125 HP
125	Reclaim Water Pump, 125 HP
125	Reclaim Water Pump, 125 HP
0	Four - Sludge holding drying beds, total area approx. 57,300 sq.ft.
7.4	Sludge transfer pump, 7.4 HP
7.4	Sludge transfer pump, 7.4 HP
7.4	Sludge drying bed drain pump, 7.4 HP
7.4	Sludge drying bed drain pump, 7.4 HP

CONDITIONS:

1. This equipment shall be operated and maintained in strict accord with the recommendations of the manufacturer and with Federal, State, regional and local waste water discharge permits.
2. This facility shall not treat more than 3.2 million gallons of waste water per day.
3. Biochemical oxygen demand (BOD5) removal efficiency shall be at least 30 ppm on a monthly average.
4. Suspended solids (SS) removal efficiency shall be at least 30 ppm on a monthly average.

5. This facility shall maintain an operational log which shall maintained current and on-site for a minimum of 2 years and provided to District personnel upon request. At a minimum the log shall contain the following:

- a. the daily volume of waste water received and treated,
- b. suspended solids removal efficiency in ppm
- c. biochemical oxygen demand (BOD5)removal efficiency in ppm