MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

RENEWAL

B015630

Renewal type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2026

OWNER OF OPERATOR (Co.#86)

MAGTFTC MCAGCC
Box 788110, Bldg 1418
Twentynine Palms, CA 92278-8110

EQUIPMENT LOCATION (Fac.#3252)

USMC AGCC - USMC Utilities
Box 788110, Bldg. 1451
Twentynine Palms, CA 92278

Description:
WASTEWATER TREATMENT PLANT consisting of: Wastewater collection, treatment and disposal system with a design treatment capacity of 2.0 million gallons-per-day (MGD), consisting of:

EQUIPMENT

Capacity	Equipment Description
4	Mechanical Bar Screens, Headworks - 2 @ 2 HP
10	Screenings Washing Press, Headworks - 2 @ 5 HP
0	Grit Collectors, Headworks
20	Grit Pumps, Submersible recessed impeller, 1800 RPM, 460 V / 3PH, Headworks - 2 @ 10 HP
0.67	Grit Washer/Classifier, Belt drive, 460 V / 3PH, Headworks - 2 @ 0.33 HP
40	Influent Pumps, Submersible, 1750 RPM, 460 V / 3PH - 4 @ 10 HP
28	High Capacity EQ Pumps, Submersible, 1800 RPM, 460 V / 3PH - 2 @ 14 HP
8	Low Capacity EQ Pumps, Submersible 3445 RPM, 460 V / 3PH - 2 @ 4 HP
0	Equalization Tank, Coated Steel Tank, 450,000 Gallons
150	EQ Tank Blowers, Rotary Lobe, 3530 RPM, 480 V / 3PH - 2 @ 75 HP
50	Odor Control Fans, FRP Fan, 2230 RPM, 480 V / 3PH - 2 @ 25 HP
0	Odor Control Tank, Biotrickling Filter, 7500 SCFM
4	Odor Control Clean Water Supply/Recycle Pumps, 460 V / 3PH - 2 @ 2 HP
15	Bioreactor Anoxic Zone Mixers, Submersible, 572 RPM, 480 V / 3 PH - 2 @ 7.5 HP

Fee Schedule: 1 (d) Rating: 1619.67 bhp SIC: 9711 SCC: 50100701 Location/UTM(Km): 587E/3788N

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.

MAGTFTC MCAGCC
Box 788110, Building 1418

Twentynine Palms, CA 92278-8110

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

Capacity	Equipment Description
150	Bioreactor Blowers, Helical Screw, 7500 RPM, 480 V / 3PH - 3 @ 50 HP
45	Bioreactor IMLR Pumps, Screw Centrifugal, 900 RPM, 480 V / 3PH - 3 @ 15 HP
2	Secondary Clarifier Mechanism, Drive, 1730 RPM, 460 V / 3PH - 2 @ 1 HP
0	Coagulant Storage Totes, FRP, 2 @ 350 Gallons
1.5	Coagulant Feed Pumps, Diaphragm, 1800 RPM, 460 V / 3PH - 3 @ 0.5 HP
0	Water Softener - 2
0	Water Chiller, 460 V / 3PH - 2
0	Hypochlorite Generators, 400 lbs / day - 2
0	Rectifier, 37 VDC, 1500 A - 2
0	Sodium Hypochlorite Tanks, FRP tank, 3000 Gallons - 2
0	Salt Tank, FRP Tank, 15 Tons
4	Air Dilution Blower, 3500 RPM, 230 V / 1 PH - 4 @ 1 HP
4.5	High Rate Hypochlorite Pumps, 1800 RPM, 460 V / 3PH - 3 @ 1.5 HP
3	Low Rate Hypochlorite Pumps, 1800 RPM, 460 V / 3PH - 2 @ 1.5 HP
1	Tertiary Filters, Cloth Media, 6 Disks per Filter with Drive Motor, 460 V / 3PH - 2 @ 0.5 HP
4	Filter Backwash Waste Pump, 460 V / 3PH - 2 @ 2 HP
2	Chemical Induction Mixer, 3450 RPM, 460 V / 3PH - 1 @ 2 HP
60	Service Water Pumps, Vertical Turbine, 1800 RPM, 460 V / 3PH - 2 @ 30 HP
0	Hydropneumatic Tank, 925 Gallon - 1
30	Chlorinated Effluent Pumps, Vertical Turbine, 1800 RPM, 460 V / 3PH - 4 @ 7.5 HP
0	Recycled Water Storage Tank, Coated Steel Tank, 1.5 Million Gallons - 1
300	Reservoir 6 Recycled Water Pumps, Horizontal Split Case, 3600 RPM, 460 V / 3PH - 3 @ 100 HP
0	Reservoir 6 Tank, Coated Steel Tank, 400,000 gallons - 1
200	Ocotillo Recycled Water Pumps, 3600 RPM, 460 V / 3PH - 4 @ 50 HP
0	Ocotillo Storage Tank, Coated Steel Tank, 1.5 Million Gallons - 1
75	Ocotillo Well Pump, Submersible Vertical Turbine, 3600 RPM, 460 V / 3PH - 1 @ 75 HP
250	Ocotillo Irrigation Pumps (High Capacity), Horizontal End Suction, 3600 RPM, 460 V / 3PH - 2 @ 125 HP
30	Ocotillo Irrigation Pump (Low Capacity), Vertical Multi-Stage Centrifugal, 3600 RPM, 460 V / 3PH - 1 @ 30 HP
22	RAS (return activated sludge) Pumps, Submersible, 1800 RPM, 460 V / 3PH - 4 @ 5.5 HP
10	Secondary Scum Pumps, Progressive Cavity, 1750 RPM, 460 V / 3PH - 2 @ 5 HP
10	WAS (waste activated sludge) Pumps, Progressive Cavity, 1750 RPM, 460 V / 3PH - 2 @ 5 HP
0	WAS Storage Tank - 2
50	WAS Tank Blowers, Rotary Lobe, 4270 RPM, 460 V / 3PH - 2 @ 25 HP
10	Thicker Feed Pumps, Rotary Lobe, 1750 RPM, 460 V / 3PH - 2 @ 5 HP
0	Polymer Storage Tote, 275 Gallons - 2
0.5	Polymer Feed Pump, Progressive Cavity, 1720 RPM, 460 V / 3PH - 1 @ 0.5 HP
0.5	Polymer Conditioning System, Mixer Drive, 1800 RPM, 460 V / 3PH - 1 @ 0.5 HP
2	Rotary Drum Thickener, Drum Drive Motor, 460 V / 3PH - 2 @ 1 HP
2	Rotary Drum Thickener, Floc Drive Motor, 460 V / 3PH - 2 @ 1 HP
6	Thickened Sludge Pumps, Progressive Cavity, 1760 RPM, 460 V / 3PH - 2 @ 3 HP
0	Sludge Drying Beds - 18
15	Plant Drain Pumps, Submersible, 3550 RPM, 460 V / 3PH - 2 @ 7.5 HP
0	Pond A, Storage Pond, 19.9 Acres, 38 million gallons
0	Pond B, Storage Pond, 27.8 Acres, 53.4 million gallons

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. The owner/operator shall not exceed a total wastewater flow exceeding 2.0 million gallons of wastewater per day.
[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 upon request. This log shall contain, as a minimum, the following:
a. Daily and monthly records of the quantity of wastewater processed at this source;
b. Repairs made to the system (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 1302]

4. The 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 applicable federal, state, regional, and local waste discharge permits.
[District Rule 204]

6. 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; 17 CCR 93400 et seq.; and 40 CFR 51, Subpart A]