



## 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

B010486

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: JUNE 2025**

#### OWNER OF OPERATOR (Co.#1)

CEMEX Construction Materials Pacific LLC  
16888 North E Street  
Victorville, CA 92392

#### EQUIPMENT LOCATION (Fac.#5)

CEMEX - Black Mountain Quarry Plant  
25220 Black Mountain Quarry Road  
Apple Valley, CA 92307

#### Description:

BIOSOLIDS FUEL TRANSFER, STORAGE & INJECTION PROCESS consisting of:

#### EQUIPMENT

Capacity	Equipment Description
3	Truck Unloading Hopper
6	Screw Extractor
3	Truck Unloading Hopper
6	Screw Extractor
100	Hydraulic Pumps (2), 50 hp each, 20 gpm@2000 psi each
100	Hydraulic Pumps (2), 50 hp each, 20 gpm@2000 psi each
0	Hydraulic Oil Tank, 50 gallons
0	Hydraulic Oil Tank, 50 gallons
7.5	Transfer Conveyor
7.5	Transfer Conveyor
5	Bin Vent for BioSolid equipment, consisting of Power Core Filter Pack, filter Area 268 R2, 4 Nanofiber filters; 7.56" X 22.38" x 7'L, requires compressed air at 90PSI and 10 SCFM, Blower Motor - 5 HP; Model Number CPV-4 providing 2,000 cfm flowrate. 5080 Ton or 4,200 cuft
50	Guppy used for storage of the BioSolids; utilizes a 50 HP

Fee Schedule: 1 (b)

Rating: 442bhp

SIC: 3241

SCC: 30500612

Location/UTM(Km): 476E/3826N

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.

CEMEX Construction Materials Pacific  
LLC  
16888 North E Street  
Victorville, CA 92392

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

Capacity	Equipment Description
5	Bin Vent for BioSolid equipment, consisting of Power Core Filter Pack, filter Area 268 ft2, 4 Nanofiber filters; 7.56" X 22.38" x 7'L, requires compressed air at 90PSI and 10 SCFM, Blower Motor - 5 HP; Model Number CPV-4 providing 2,000 cfm flowrate.
50	80 Ton or 4,200 cuft Guppy used for storage of the BioSolids; utilizes a 50 HP
25	Hydraulic Power Unit Pump Motor - for Walking floor trailer
0	EQUIPMENT ASSOCIATED WITH MULTI-FUEL SYSTEM
1	Hydraulic Power Unit Cooling Fan Motor 1
25	Hydraulic Power Unit Pump Motor - for Walking floor trailer
1	Hydraulic Power Unit Cooling Fan Motor 2
3	EcoDock 1 Live Bottom Screw 1 Motor
1	Hydraulic Power Unit Cooling Fan Motor 1
3	EcoDock 1 Live Bottom Screw 2 Motor
1	Hydraulic Power Unit Cooling Fan Motor 2
3	EcoDock 1 Live Bottom Screw 3 Motor
3	EcoDock 1 Live Bottom Screw 1 Motor
3	EcoDock 1 Live Bottom Screw 4 Motor
3	EcoDock 1 Live Bottom Screw 2 Motor
0.5	EcoDock 1 Roll Up Door Motor
3	EcoDock 1 Live Bottom Screw 3 Motor
3	EcoDock 2 Live Bottom Screw 1 Motor
3	EcoDock 1 Live Bottom Screw 4 Motor
3	EcoDock 2 Live Bottom Screw 2 Motor
0.5	EcoDock 1 Roll Up Door Motor
3	EcoDock 2 Live Bottom Screw 3 Motor
3	EcoDock 2 Live Bottom Screw 1 Motor
3	EcoDock 2 Live Bottom Screw 4 Motor
3	EcoDock 2 Live Bottom Screw 2 Motor
0.5	EcoDock 2 Roll Up Door Motor
3	EcoDock 2 Live Bottom Screw 3 Motor
7.5	Move Master Drag Conv. Motor
3	EcoDock 2 Live Bottom Screw 4 Motor
1	DMO Weigh Belt Motor
0.5	EcoDock 2 Roll Up Door Motor
10	IDMS Rotary Valve
7.5	Move Master Drag Conv. Motor
200	Blower for pneumatic system
1	DMO Weigh Belt Motor
10	IDMS Rotary Valve
200	Blower for pneumatic system

## CONDITIONS:

1.The owner/operator (o/o) shall install, operate, and maintain all equipment described in this permit in strict accord with the recommendations of the manufacturer or supplier and/or sound engineering principles which produce the minimum emission of air contaminants.

1.The owner/operator (o/o) shall install, operate, and maintain all equipment described in this permit in strict accord with the recommendations of the manufacturer or supplier and/or sound engineering principles which produce the minimum emission of air contaminants.

[District Rule 204]

2.Operation of this equipment shall be conducted in compliance with data and specifications submitted with the application under which this permit is issued unless otherwise noted below.

2.Operation of this equipment shall be conducted in compliance with data and specifications submitted with the application under which this permit is issued unless otherwise noted below.  
[District Rule 204]

3.Biosolid unloading operations shall not exhibit any visible emissions.

3.Biosolid unloading operations shall not exhibit any visible emissions.  
[District Rule 204]

4.Biosolid material shall contain sufficient moisture to ensure compliance with District Rules 401 and 403 and no visible emissions requirements as stated above.

4.Biosolid material shall contain sufficient moisture to ensure compliance with District Rules 401 and 403 and no visible emissions requirements as stated above.  
[District Rule 204]

5.Biosolid material is conveyed through completely enclosed tubes and conveying equipment and shall not exhibit any visible emissions.

5.Biosolid material is conveyed through completely enclosed tubes and conveying equipment and shall not exhibit any visible emissions.  
[District Rule 204]

6.Water dispensing equipment shall be maintained on-site and used as necessary to ensure compliance with the above-mentioned rules and visible emissions requirements.

6.Water dispensing equipment shall be maintained on-site and used as necessary to ensure compliance with the above-mentioned rules and visible emissions requirements.  
[District Rule 204]

7.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; 40 CFR 51, Subpart A]