



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

B013098

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 2024

OWNER OF OPERATOR (Co.#2855)

West Coast Aggregate Supply, Inc.
119278 North Cadiz Road
Twentynine Palms, CA 92277

EQUIPMENT LOCATION (Fac.#3790)

West Coast Aggregate Supply, Inc.
119278 North Cadiz Road
Twentynine Palms, CA 92277

Description:

SALT CRUSHING, SCREENING, AND DRYING SYSTEM consisting of: the following equipment arrangement and details: Fees based on total horsepower of diesel generator units, District Permits B013412 & B013413.

EQUIPMENT

Capacity	Equipment Description
0	Hopper 1, 45' x 4' x 4'
0	Belt Conveyor 1, 30' x 4' x 4'
0	Belt Conveyor 2, 35' x 4' x 4'
0	Belt Conveyor 3, 25' x 4' x 4'
0	Pre-Screen, 45' x 8.5' x 10'
0	Belt Conveyor 4, 45' x 4' x 4'
0	Belt Conveyor 5, 55' x 4' x 4'
0	120S Kue Ken Jaw Crusher, rated at maximum 70 ton per hour at a 3" opening, 53' x 8.5' x 10'
0	Belt Conveyor
0	Belt Conveyor 6, 55' x 4' x 4'
0	Refining Screen, 10' x 6' x 12'
0	Belt Conveyor 7, 45' x 4' x 4'
0	Belt conveyor

Fee Schedule: 1 (d)

Rating: 1676 bhp

SIC: 1479

SCC: 30502104

Location/UTM(Km):
679E/3783N

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.

West Coast Aggregate Supply, Inc.
P.O. Box 790
Thermal, CA 92274-0790

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

Capacity	Equipment Description
0	Coarse Washer, 30' x 5' x 10'
0	Sand Wash, 35' x 7' x 12'
0	Belt Conveyor 8, 53' x 4' x 4'
0	Wash plant, 40' x 9' x 10'
0	Belt Conveyor 9 Radial Stacker, 110' x 5' x 5'
0	Belt Conveyor 11, 35' x 4' x 4'
0	Hopper, 45' X 9'
0	Belt Conveyor
0	Dryer Drum, 53' x 9' x 11' (AMBIENT AIR- NOT COMBUSTION)
0	Wet Scrubber, 45' x 10' x 10', PERMIT TBD
0	Belt Conveyor 12, 35' x 4' x 4'
0	Vibrating Feeder, 8' x 8' x 15'
0	Roll Crusher, 9' x 9' x 5'
0	Belt Conveyor 13, 53' x 4' x 4'
0	Belt Conveyor 14, 53' x 4' x 4'
0	Belt Conveyor
0	Final Screen, 45' x 8.5' x 10'
0	Belt Conveyor 15, 90' x 4' x 4'
0	Belt Conveyor 16, 90' x 4' x 4'
0	Belt Conveyor 17, 75' x 4' x 4'
0	Portable Diesel Genset, Serial No. 33148096, District Permit B013099

CONDITIONS:

1. This equipment must be installed, operated, and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles to produce the minimum emissions of contaminants. Unless otherwise noted, this equipment must also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rule 1302]

2. Effective September 1, 2019, this equipment must be operated in compliance with all applicable requirements of 40 CFR 60, Subpart 000: Standards of Performance for Nonmetallic Mineral Processing Plants.
[40 CFR 60.670; District Rule 1302]

3. The owner/operator shall comply with all applicable Rules and Regulations of the District. Applicable rules include, but are not necessarily limited to District Rules 401, 402, and 403.
[District Rule 204]

4. Annual (rolling 12 month sum) salt production shall not exceed 300,000 tons.
[District Rule 1303]

5. Visible emissions from this system shall not exceed an opacity equal to or greater than twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor.
[District Rule 401(b)(1)]

6. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits an opacity during any one hour (ten 6-minute averages) greater than the following:
(a) Seven (7) percent opacity from all grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in 60.670 and 60.671).
(b) Twelve (12) percent opacity from all crushers (40 CFR 60.672(b)).
[District Rule 1302; 40 CFR Part 60, Subpart 000]

7. The owner/operator shall conduct USEPA Method 22 Visible Emissions Observations on each crusher, screen, dryer and material transfer point on a monthly basis while the plant is in operation. Each observation shall be conducted for a minimum of 6 minutes. If any dusting is noticed, a full USEPA Method 9 Visible Emissions Evaluation (VEE) shall be conducted.

[District Rule 1302]

8. The owner/operator must conduct an initial performance test per 40 CFR 60, Subpart OOO requirements, including opacity (USEPA Method 9 or equivalent) testing as applicable for each fugitive emission point (crusher, screener, transfer point or other) associated with this equipment. The initial performance test must be conducted by within 60 days of achieving full production rate (after September 1, 2019) but in no case later than February 28, 2020. Performance test shall be carried out in accordance with the test methods defined in 40 CFR 60.11, 40 CFR 60, Subpart OOO, Section 60.675, and the District Compliance Test Procedural Manual.

The owner/operator must conduct a repeat performance test within 5 years from the previous performance test for each fugitive emission point without water sprays. Fugitive emission points controlled by water carryover from upstream water sprays that are inspected according to the requirements in 60.674(b) and 60.676(b) are exempt from this 5-year repeat testing requirement.

The owner/operator must submit a compliance/certification test protocol at least thirty (30) days prior to the compliance/certification test date. The owner/operator must conduct all required compliance/certification tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/certification test date so that an observer may be present. The final compliance/certification test results must be submitted to the District within forty-five (45) days of completion of the test. All compliance/certification test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov.

[40 CFR 60.672]

9. Roadways, work areas, stockpiles, and materials being processed shall be kept wetted to control fugitive dust. Equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance.

[District Rules 401, 403, 1303]

10. Water sprays or dust containment measures (such as enclosures around head/tail pulleys) shall be used as necessary to control emissions at conveyor points of charge and discharge, crushers, feeders, and screens.

[District Rules 401, 403, 1303]

11. The owner/operator must perform monthly inspections of all wet suppression systems to verify that water is properly flowing through all discharge spray nozzles. The o/o must initiate corrective action within 24 hours and complete corrective action as expediently as practical if they find that water is not flowing properly during inspection of water spray nozzles.

[40 CFR 60.674(b)]

12. When in operation the dryer drum shall vent only to a wet scrubber with valid District permit.

[District Rule 1303]

13. Each screen and roll crusher, located after the dryer drum, shall be enclosed to facilitate control of particulate emissions (dust).

[District Rule 1303]

14. The owner/operator shall maintain an operations and production log current and onsite for a minimum of two years and shall be provided to District personnel upon request. At a minimum the log shall contain:

- a. Annual salt production in tons, summarized monthly;
- b. Water spray system inspection result, including dates and any corrective actions taken, as required by condition 9;
- c. Date and nature of any system repairs;
- d. Monthly VE observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary); and
- e. Records of each performance test conducted on this equipment.

[40 CFR 60.676; District Rules 204 and 1302]

15. 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]