



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

AUTHORITY TO CONSTRUCT

B015367

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: MARCH 2027

OWNER OF OPERATOR (Co.#2499)

North American Recycling and Crushing, LLC
16009 E. Irwindale Blvd.
Irwindale, CA 91702

EQUIPMENT LOCATION (Fac.#1645)

North American Recycling and Crushing, LLC
District Wide
MDAQMD, CA 92392

Description:

CRUSHING AND SCREENING CIRCUIT consisting of: Stone, concrete and asphalt crushing equipment. This equipment is permitted to operate at various locations within the MDAQMD.

EQUIPMENT

Capacity	Equipment Description
30	Vibrating Grizzly with Receiving Hopper
350	Impact Crusher
25	Belt Conveyor with Belt Magnet
5	Belt Conveyor
30	Belt Conveyor
40	Three Deck Screen
5	Belt Conveyor
0	Cone Crusher
10	Belt Conveyor
3	Belt Conveyor
15	Belt Conveyor
5	Belt Conveyor
7.5	Belt Conveyor

Fee Schedule: 1 (d)

Rating: 1050.5 bhp

SIC: 1442

SCC: 30502001

Location/UTM(Km):
473E/3956N

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.

North American Recycling and Crushing,
LLC
16009 E. Irwindale Blvd.
Irwindale, CA 91702

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

Capacity	Equipment Description
10	Belt Conveyor
15	Belt Conveyor
30	Belt Conveyor
5	Belt Conveyor
10	Belt Conveyor
20	Belt Conveyor
15	Belt Conveyor
40	Belt Conveyor
80	Stacker Belt with Inner Telescoping Stacker
300	300 hp Vertical Shaft Impactor - alternate to 250 hp cone crusher operates with baghouse
0	250 hp Jaw Crusher - alternate to 350 hp impact crusher

CONDITIONS:

1. This equipment and any associated air pollution control device 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 Rules 1303 and 1320]

2. The owner/operator shall limit the annual production (sum of all products) from this equipment to no more than:
 1. 8000 tons per day; and
 2. 2,920,000 tons per year.
 [District Rules 204 & 1303]

3. Electrical power for this facility shall only be provided by grid power or by an engine (or engines) with a valid District permit.
 [District Rule 204]

4. Through the use of water sprays, a minimum moisture content of two (1.5%) percent shall be maintained throughout the process. The o/o shall perform quarterly moisture content testing of feed and product to confirm that the moisture content is at least 1.5%. This testing should be done according to material moisture test ASTM C566-97 or alternative methods with prior District approval.
 [District Rule 204 and District Rule 1303][40 CFR 60 Subpart OOO Section 60.672]

5. The owner/operator must perform monthly inspections to verify that high pressure water is properly flowing through all discharge spray nozzles in the wet suppression system. The owner/operator 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 such inspections. The owner/operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook.
 [40 CFR 60 Subpart OOO Section 60.674(b)]

6. The owner/operator must conduct an initial compliance test per 40 CFR 60, Subpart OOO requirements, including opacity (USEPA Method 9 or equivalent) testing as applicable for each fugitive emission point (crusher, screen, and transfer point or other) associated with this equipment. The initial compliance test must be conducted within 60 days of achieving full production rate but in no case later than 180 days following initial startup. Compliance 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.
 [40 CFR 60.672]

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

7. The owner/operator will periodically monitor opacity from fugitive emission points according to the following methodology:

- a) The owner or operator must conduct a monthly 1-minute visible emissions test of each affected source in accordance with USEPA Method 22. The test must be conducted while the affected source is in operation.
- b) If no visible emissions are observed in six consecutive monthly tests for any affected source, the owner or operator may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.
- c) If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semi-annually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.

[40 CFR 60, Subpart OOO]

8. 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:

- a. twelve (12) percent opacity from the crusher;
- b. seven (7) percent opacity from all transfer points and fugitive emission points

[40 CFR 60 Subpart OOO Section 60.672]

9. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO Standards of Performance for Nonmetallic Mineral Processing Plants. In the event of conflict between Permit conditions and the requirements of 40 CFR 60 Subpart OOO, the more stringent requirements shall govern.

[District Rule 204]

10. The o/o shall ensure that the materials used in the equipment contain sufficient natural and/or added moisture to preclude violations of District rules 401, 402 and 403. These rules pertain to opacity, dust blowing off of the property and nuisance. The o/o shall maintain sufficient water and equipment for its application in operable condition and on-site, and use it as necessary on material piles, haul roads, and in the plant to prevent violations of the above rules.

[District Rule 1302]

11. The Jaw Crusher and the Impact Crusher shall not operate simultaneously. Additionally, the Cone Crusher and Vertical Shaft Impact (VSI) Crusher shall not operate simultaneously.

[District Rule 1302]

12. This crushing/screening plant shall not operate the VSI crusher unless it is vented to the baghouse operating under valid District permits C015368.

[District Rules 204 & 1303]

13. The owner/operator shall maintain a current, on-site operations log for a minimum of 3 years and shall provide this log to District personnel upon request. The log shall include the following information at a minimum:

- a. Monthly water spray system inspection records required by condition 5;
- b. Maintenance and break down records associated with all water spray systems;
- c. Records of 40 CFR 60, Subpart OOO initial compliance testing required by condition 6; and
- d. Throughput processed by this equipment in tons/day.
- e. Each consecutive twelve-month total of throughput processed by this equipment in tons/year.

[District Rule 1303, basis: Offsets; 40 CFR 60 Subpart OOO Section 60.676]

14. This facility shall emit less than the following on a calendar year basis;

Oxides of Nitrogen (NOx) - 20 tons per consecutive twelve month period,

Volatile Organic Compound (VOC) - 20 tons per consecutive twelve month period,

Particulate Matter less than 10 microns (PM10) - 12 tons per consecutive twelve month period, and

Hazardous Air Pollutants (HAP) - 8 tons for any single HAP and 20 tons for any combination of HAPs per consecutive twelve month period.

Compliance shall be demonstrated to the District through the submission of a District approved Comprehensive Emission Inventory Report (CEIR) or other District approved equivalent method. The report shall be submitted to the District upon request.

Note: These emission limits keeps this facility BELOW SM-80 thresholds and precludes the requirements for Federal reportability.
[District Rules 1302 and 1320]

15. This equipment shall not operate within 500 meters of any receptor. Such operation will require the submittal of an application for a revised permit to operate and may require a Health Risk Assessment.
[District Rule 1320]

16. This equipment shall not be located within 1000 feet of a Kindergarden through 12 School, additionally, the owner/operator shall notify the District a minimum of 10 working days prior to moving this equipment to a new site. Notification shall be via email at reporting@mdaqmd.ca.gov; include equipment permit number, proposed location (address), and contact information. The District must provide concurrence and allowance for each and every location prior to the use of this equipment.
[District Rules 204, 1302 and 1320]

17. Emission from this equipment is required to be included in the emissions inventory for the permitted facility at which work is being performed. If the equipment operates at a facility not required to have district permits or one that operates under a different SIC code and the processed material is not being fed into that facility's process stream then the emissions shall be reported in an emission inventory for Facility 1645 - North American Recycling and Crushing, LLC.
[District Rule 1320]

18. 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]