



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

TERMINATED

B003183

Terminated type Permit has no description information.

EXPIRES LAST DAY OF: MARCH 2022

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. Current equipment elevation is 2639 feet above sea level. As of October 8, 2020, this equipment is or will be operating at the Vulcan Materials Company, 20181 National Trails Highway, Oro Grande California (facility no. 169). North American Recycling will locate at the Vulcan Oro Grande facility to crush and screen recycled asphalt pavement (RAP) in order for Vulcan to utilize the recycled material to manufacture finished asphalt. In this instance, this equipment will be on-site for approximately 30 days.

EQUIPMENT

Capacity	Equipment Description
30	Receiving hopper with a vibrating feeder
0	Impact Crusher Eagle Model 1400
5	Belt Conveyor, fines, 24" x 10'
30	Belt conveyor, fines, 36" x 80'
15	Belt conveyor, crusher output, 42" x 30'
5	Electromagnet
10	Belt conveyor, screen feed, 42" x 20'
60	Classifying screen triple deck
3	Belt conveyor, oversize recycle, 24" x 10'
15	Belt conveyor, screen output, 30" x 50'
5	Belt conveyor, product, 48" x 10'
7.5	Belt conveyor, product, 30" x 30'
10	Belt conveyor, product, 36" x 60'

Fee Schedule: 1 (c)

Rating: 920.5bhp

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**
Brad Poiriez
Air Pollution Control Officer

Capacity	Equipment Description
15	Belt conveyor, product, 36" x 60'
30	Belt conveyor, product, 36" x 80'
250	Cone crusher
5	Electromagnet
10	Belt conveyor, screen output, 36" x 65'
20	Belt conveyor, product, 36" x 65'
15	Belt conveyor, screen feed, 36" x 20'
40	Belt conveyor, product, 36" x 100'
40	Classifying screen, triple deck
300	VSI Crusher (300 hp)

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 Rule 1302]

2.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]

3.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]

4.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 stack, such as the air separator (40 CFR 60.672(a)(2)),

b) Ten (10) percent opacity from all transfer points, screens and fugitive emission points (40 CFR 60.672(b)), and/or

c) Fifteen (15) percent opacity from all crushers (40 CFR 60.672(c)).

[40 CFR 60, Subpart OOO]

5.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]

6.A facility log shall be maintained on-site for at least two (2) years and made available to District personnel upon request.The log shall be kept current, on-site for a minimum of 2 years and provided to District, State or Federal personnel on request. This log shall contain, at a minimum:

a. Tons of product produced per day;

- b. Tons of product produced per month, and
 - c. Tons of product produced per year.
- [District Rules 204 & 1303]

7.This crushing/screening plant shall not be operated unless vented to baghouses operating under valid District permits C004302 and C003184.

[District Rules 204 & 1303]

8.This facility shall emit less than the following on a calendar year basis;
Oxides of Nitrogen (NOx) - 20 tons,
Volatile Organic Compound (VOC) - 20 tons,
Particulate Matter less than 10 microns (PM10) - 14.9 tons, and Hazardous Air Pollutants (HAP) - 8 tons per year for any single HAP and 20 tons per year for any combination of HAPs. Compliance shall be demonstrated annually 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 keep this facility BELOW SM-80 thresholds and precludes the requirements for Federal reportability.

[District Rules 204 and 1303]

9.Operation of the equipment described in this permit shall be restricted to a maximum of 12 hrs/day, midnight to midnight, and the throughput shall not exceed 700 tons per hour and 8400 tons per day, and shall not exceed 1,310,400 tons per year.

[District Rules 204 & 1303]

10.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]

11.This equipment shall not be located within 1000 feet of a Kindergarten 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]

12.If line power is not available, power for this equipment shall only be provided by an engine with a valid District permit.

[District Rules 1302 and 1320]

13.Emission from this equipment shall be also included in the emissions inventory for the facility at which work is being performed. In this instance, the work is being performed at the Vulcan Material Company site in Oro Grande (facility no. 169); therefore, the date and hours of operation for this engine shall be provided To Vulcan for inclusion in their CEI submittals to the District, as applicable.

[District Rule 1320]

14.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]