MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park AvenueVictorville,CA92392-2310
760.245.1661 -- 800.635.4617 -- FAX760.245.2022

AUTHORITY TO CONSTRUCT

B014960

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:OCTOBER 2025

OWNER OF OPERATOR (Co.#90)

Omya (California) Inc
7299 Crystal Creek Road
Lucerne Valley,CA92356

EQUIPMENT LOCATION (Fac.#461)

Omya - Main Plant
7299 Crystal Creek Road
Lucerne Valley,CA92356

Description:
LIMESTONE SCREENING PLANT, MOBILE consisting of:An 440 ton per hour screening system with one Type TFM3P-3720. triple deck, 7' x 20' Deister triple-shafted heavy duty horizontal vibrating screen and associated conveyors.

Fee Schedule:1 (c) Rating:293bhp SIC:1422 SCC:30504034 Location/UTM(Km):505E/3805N

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.

Omya (California) Inc
7225 Crystal Creek Rd
Lucerne Valley,CA92356

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

EQUIPMENT

Capacity	Equipment Description
0	20-ton Surge Bin
29.5	42" x 60' - Screen Feed Conveyor
49.5	Deister-Peerless 7' x 20' Portable Screen Plant
10	36" x 60' - Belt Conveyor
5	32" x 60' - Belt Conveyor
5	36" x 60' - Belt Conveyor
20	36" x 60' - Belt Conveyor
20	36" x 110' - Belt Conveyor
20	32" x 60' - Belt Conveyor
20	36" x 125' - Ground Belt Conveyor
29.5	36" x 80' - Stacker
55	36" x 150' - Telestacker
29.5	36" x 80' - Stacker

CONDITIONS:

1.This equipment 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 204 and 1302]

1.This equipment 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 204 and 1302]

2.If line power is not available, power for this equipment shall only be provided by an engine with a valid District permit, a valid PERP Registration, or a valid DOORS EIN.
[District Rules 1302 and 1320]

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[District Rules 1302 and 1320]

3.This equipment must be equipped with a high pressure water spray system with nozzles at each screen, each conveyor drop point/head pulley, and each radial stacker drop point/head pulley. The water pressure shall be maintained at or above 150 psig measured at the main manifold while operating at maximum flow rate.
[District Rules 1302 and 1303]

3.This equipment must be equipped with a high pressure water spray system with nozzles at each screen, each conveyor drop point/head pulley, and each radial stacker drop point/head pulley. The water pressure shall be maintained at or above 150 psig measured at the main manifold while operating at maximum flow rate.
[District Rules 1302 and 1303]

4.In the event that the dust control method in Condition #3 does not prevent visible fugitive dust from exterior belt conveyors, then the conveyors must be enclosed sufficiently to cover the top and sides of the material being transferred.
[District Rule 403]

4.In the event that the dust control method in Condition #3 does not prevent visible fugitive dust from exterior belt conveyors, then the conveyors must be enclosed sufficiently to cover the top and sides of the material being transferred.
[District Rule 403]

5.The owner or operator must perform weekly 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 60.674 (b)]

5.The owner or operator must perform weekly 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 60.674 (b)]

6.The owner/operator will periodically monitor opacity from fugitive emission points according to the following methodology:
a) The owner or operator must initially conduct a weekly EPA Method 9 visible emissions evaluation of each affected source. The test must be conducted while the affected source is in operation.
b) If no visible emissions are observed in four consecutive weekly tests for any affected source, the owner or operator may decrease the frequency of testing from weekly to monthly for that affected source. If visible emissions are observed during any monthly test, the owner or operator must resume testing of that affected source on a weekly basis and maintain that schedule until no visible emissions are observed in four consecutive weekly tests.
c) If no visible emissions are observed during the monthly test for any affected source for six months, 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.
[District Rules 1302 and 1303]

6.The owner/operator will periodically monitor opacity from fugitive emission points according to the following methodology:
a. The owner or operator must initially conduct a weekly EPA Method 9 visible emissions evaluation of each affected source. The test must be conducted while the affected source is in operation.
b. If no visible emissions are observed in four consecutive weekly tests for any affected source, the owner or operator may decrease the frequency of testing from weekly to monthly for that affected source. If visible emissions are observed during any monthly test, the owner or operator must resume testing of that affected source on a weekly basis and maintain that schedule until no visible emissions are observed in four consecutive weekly tests.
c. If no visible emissions are observed during the monthly test for any affected source for six months, 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.
[District Rules 1302 and 1303]

7.The equipment under District Permits B012438 and B014960 shall be limited to crushing no more than 350,000 tons of material combined per year, defined as any consecutive rolling twelve month period.
[District Rule 204]

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[District Rule 204]

8.Materials processed by this equipment shall contain sufficient moisture to control fugitive dust. For this limestone material, sufficient moisture means 1.5% or greater. The moisture content of the aggregate material shall be analyzed quarterly and as requested by the District according to material moisture test ASTM C566-13 or a District approved equivalent method, except that the sample weight may be reduced if necessary to match the maximum capacity of the testing equipment. Sample locations shall be representative of material feed throughout the screening plant.
[District Regulations IV and XIII]

8.Materials processed by this equipment shall contain sufficient moisture to control fugitive dust. For this limestone material, sufficient moisture means 1.5% or greater. The moisture content of the aggregate material shall be analyzed quarterly and as requested by the District according to material moisture test ASTM C566-13 or a District approved equivalent method, except that the sample weight may be reduced if necessary to match the maximum capacity of the testing equipment. Sample locations shall be representative of material feed throughout the screening plant.
[District Regulations IV and XIII]

9.Roadways, work areas and stockpiles 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. This does not include the haul roads outside of the fenced facility.
[District Regulation IV]

9.Roadways, work areas and stockpiles 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. This does not include the haul roads outside of the fenced facility.
[District Regulation IV]

10.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 ten (10) percent opacity from all transfer points, screens and fugitive emission points.
[40 CFR 60.672]

10.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 ten (10) percent opacity from all transfer points, screens and fugitive emission points.
[40 CFR 60.672]

11.A facility log shall be maintained on-site for at least two (2) years and made available to District personnel upon request. This log shall contain, at a minimum:
a. Tons of product produced per month,
b. Tons of product produced per consecutive rolling twelve month period,
c. Results of the monthly moisture content tests required by Condition 8,
d. Opacity reading results from fugitive emission points required by Condition 6,
e. High pressure water spray system inspection records required by Condition 5,
f. Dates this equipment is moved from one location to another, and
g. Records of NSPS OOO initial compliance testing required by condition 13.
[District Rules 204 and 1302]

11.A facility log shall be maintained on-site for at least two (2) years and made available to District personnel upon request. This log shall contain, at a minimum:
a) Tons of product produced per month,
b) Tons of product produced per consecutive rolling twelve month period,
c)Results of the monthly moisture content tests required by Condition 8,
d) Opacity reading results from fugitive emission points required by Condition 6,
e) High pressure water spray system inspection records required by Condition 5,
f) Dates this equipment is moved from one location to another, and
g) Records of NSPS OOO initial compliance testing required by condition 13.
[District Rules 204 and 1302]

12.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]

12.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]

13.The owner/operator shall conduct an initial compliance test per NSPS Subpart OOO requirements, including opacity (USEPA Method 9 or equivalent) testing as applicable for each fugitive emission point (transfer point or other) associated with this equipment. The initial compliance test must be conducted within 60 days of achieving maximum production but not later than 180 days after initial startup.
[40 CFR 60.672]

13.The owner/operator shall conduct an initial compliance test per NSPS Subpart OOO requirements, including opacity (USEPA Method 9 or equivalent) testing as applicable for each fugitive emission point (transfer point or other) associated with this equipment. The initial compliance test must be conducted within 60 days of achieving maximum production but not later than 180 days after initial startup.
[40 CFR 60.672]

14.The facility shall not emit more than 12 tons of PM10 nor more than 20 tons of NOx per year to remain under the Synthetic Minor - 80% (SM-80) threshold.
[District Rule 204]

14.The facility-wide emissions must be less than the following limitations in each consecutive twelve-month period:

a. 80 tons per year of Carbon Monoxide (CO) per calendar year;
b. 20 tons per year of Oxides of Nitrogen (NOx) per calendar year;
c. 20 tons per year of Volatile Organic Compounds (VOC) per each consecutive twelve-month period;
d. 80 tons per year of Particulate Matter of 10 microns or less (PM10) per calendar year;
e. 20 tons per year of Oxides of Sulfur (SOx) per calendar year;
f. 8 tons per year of any single Hazardous Air Pollutant (HAP) per calendar year; and,
g. 20 tons per year of any combination of HAP per calendar year.

Compliance with these emission limitations must be verified by pollutant-specific emission summaries for each calendar year except for PM-10 which must be verified for each consecutive twelve-month period. These emission summaries must be retained on-site for a minimum period of five (5) years; and, must be made available for review upon request by District, State or Federal personnel.
[District Rules 221(B) and 1201(S)]

In addition, this facility is designated as a Major Source of PM10 under Regulation XIII - New Source Review, as it has a Potential to Emit in an amount equal to or greater than 15 tons per year of PM10; therefore, any new Permit Unit or any Modified Permit Unit at this facility must be fully offset pursuant to District Rule 1303(B).
[District Rules 1301(II) and 1303(B)]

15.This equipment is not to be used to process Hazardous Air Pollutant (HAP) containing materials.
[District Rule 1320]

15.This equipment is not to be used to process Hazardous Air Pollutant (HAP) containing materials.
[District Rule 1320]

16.In the event of any equipment malfunction or breakdown as defined in District Rule 430, the event must be reported to the District within one hour.
[District Rule 430]

16.In the event of any equipment malfunction or breakdown as defined in District Rule 430, the event must be reported to the District within one hour.
[District Rule 430]

17.The District shall be notified in writing a minimum of ten (10) days in advance of operating this equipment outside of OMYA's White Knob Quarry, Sentinel Quarry, Amboy Quarry, or Main Plant.
[District Rules 204 and 1302]

17.The District shall be notified in writing a minimum of ten (10) days in advance of operating this equipment outside of OMYA's White Knob Quarry, Sentinel Quarry, Amboy Quarry, or Main Plant.
[District Rules 204 and 1302]

18.This facility must submit a Comprehensive Emissions Inventory (CEI) to the District in accordance with District CEI Guidelines and in a format approved by the District, upon District request.
[District Rule 204]

18.This facility must submit a Comprehensive Emissions Inventory Report (CEIR) to the District in accordance with District CEI Guidelines and in a format approved by the District, on an annual basis.
[District Rule 107(b); H&S Code 39607 & 44341-44342; and 40 CFR 51, Subpart A]