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 T012402

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 2027

OWNER OF OPERATOR (Co.#90)

Omya (California) Inc
7299 Crystal Creek Road
Lucerne Valley, CA 92356

EQUIPMENT LOCATION (Fac.#461)

Omya - Main Plant
7299 Crystal Creek Road
Lucerne Valley, CA 92356

Description:
SILO STORAGE AND TRANSFER SYSTEM, PORTABLE consisting of: A model SS03 pneumatically filled portable silo manufactured by Diversified Silo systems with a maximum storage capacity of 1200 cubic feet. Material transfer rate is approximately 7 tons per hour. PM10 emissions are controlled by an integral passive (no fan) pulse-jet cartridge bin vent system.

EQUIPMENT

Capacity	Equipment Description
0	81-470: Portable Silo
0	81-471: Filter-Receiver (Bin Vent)
0	81-472: Truck Loadout Screw Conveyor

CONDITIONS:

1. The owner/operator (o/o) shall maintain this equipment in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants. Unless otherwise noted below, this equipment shall also be operated and maintained in accordance with all data and specifications submitted with the application under which this permit is issued.

Fee Schedule: 5 (a) | Rating: 9000 gallons | SIC: 1422 | SCC: 30500107 | 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, CA 92356

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

[District Rule 204]

2. This equipment shall be used for the storage and transfer of calcium carbonate only.
[District Rules 204 and 1320]

3. This equipment shall not discharge an exhaust stream that exhibits opacity greater than fifteen percent.
[40 CFR 60, Subpart OOO; District Rule 403.2]

4. The owner/operator shall not transfer more than a combined total of 10,000 tons of material into and out of the silo per month.
[District Rules 204 and 1303]

5. This equipment shall only vent to atmosphere through the integrally attached and properly functioning bin vent. The pulse-jet cleaning system shall be inspected quarterly to ensure proper operation.
[District Rules 401 and 1303]

6. The owner/operator shall maintain current and on-site for two (2) years a log of the following information, which shall be provided to District personnel upon request:
a. Monthly total of calcium carbonate received into and transferred out of this silo;
b. Records of any maintenance and repairs;
c. Results of monthly visible emissions determinations while the silo is actively being filled using EPA Method 22 (and EPA Method 9 if Method 22 detects visible emissions). In lieu of Method 9, the owner/operator may cease operations until the deficiencies contributing to the excess opacity are corrected; and
d. Results of quarterly bin vent inspections.
[District Rule 204]

7. 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)]

8. 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]