



Mojave Desert AQMD
14306 Park Avenue, Victorville, CA 92392-2310 (760) 245-1661

PERMIT TO OPERATE

B000751

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 copy is posted, original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: OCTOBER 2012

Page 1 of 2

OWNER OR OPERATOR (0090)

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

EQUIPMENT LOCATION: (00461)

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

DESCRIPTION:

CRUSHING AND SCREENING CIRCUIT (SENTINEL) consisting of:

<u>Capacity</u>	<u>Equipment Description</u>
	31-110 Feed Hopper
50.0	31-120 Vibrating Feeder
40.0	31-130 Primary Screen
200.0	31-140 Jaw Crusher
25.0	31-150 Conveyor-Crusher discharge
15.0	31-210 Conveyor-Reject Sand
15.0	31-220 Conveyor-Reject
20.0	31-160 Conveyor-Picking Feed
25.0	31-180 Conveyor-Picking
20.0	31-190 Conveyor-Radial Stacker
5.0	31-191 Conveyor-Travel Motor
415.0	

CONDITIONS:

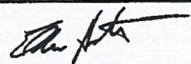
1. This equipment shall be operated and maintained in strict accord with the recommendations of the manufacturer and/or sound engineering practices consistent with minimal emissions.
2. This circuit shall not be operated unless the water spray equipment (C003293) and baghouse (C007808) are operating properly.

Fee Schedule: 1(C) Rating: 415.0 SIC: 1422 SCC: 99999999 Location/UTM(Km): 506E/3806N

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:


Eldon Heaston
Air Pollution Control Officer

DATE: 11/4/2011

3. The maximum ore processed by this equipment shall not exceed 5000 ton/day and 600 ton/hour, verified on a monthly basis.
4. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than the following opacity:
 - a. All transfer points and fugitive emission points - ten percent (40 CFR 60.672(b))
5. This equipment shall be operating in compliance with all applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
6. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for two (2) years a log of the following information, which shall be provided to District, State or Federal personnel upon request:
 - a. Monthly production (in tons) and hours operated;
 - b. Quarterly stack and transfer/fugitive emission point observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary); and,
 - c. Date and nature of any system repairs.



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C007808

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OWNER OR OPERATOR (0090)

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

EQUIPMENT LOCATION: (00461)

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

DESCRIPTION:

BAGHOUSE, SENTINEL CRUSHER SCREEN (31-131) consisting of:

a DCE Inc. CSI, type F, size 66k11 Sintamatic Insertable reverse jet collector. The total filtering area of the bags is 710 sq ft, and of self-supporting PTFE impregnated sintered polyethylene media. The effective filtration volume of 3000 ACFM is driven by a 10 hp motor. Ancillary equipment includes the necessary electric, controls, magnehelic, and acoustic diffusers for optimum service.

CONDITIONS:

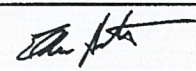
1. The owner/operator (o/o) shall maintain this dust collector in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Vibrating Feeder and the Primary Screen of the Sentinel Crusher Circuit under valid District permit B000751.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
 - a. Quarterly dust collector stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
 - b. Quarterly bag and bag suspension system inspection date and results;
 - c. Quarterly reading of dust collector pressure drop, date and value (if a manometer is present);
 - d. Date of bag replacements; and,
 - e. Date and nature of any system repairs.
4. This dust collector shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)(2)).
5. This dust collector shall discharge no more than 0.26 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

Fee Schedule: 7(h) Rating: 1.0 SIC: 1422 SCC: 99999999 Location/UTM(Km): 506E/3806N

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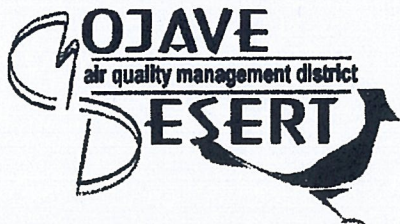
Omya (California) Inc
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6. This equipment shall be operated in compliance with applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.



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C003293

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EQUIPMENT LOCATION: (00461)

Omya - Main Plant
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DESCRIPTION:

WATER SPRAY-DUST SUPPRESSION SYSTEM (PUMP 31-230) consisting of:

a 150 gallon per hour system to spray dust from the Sentinel Quarry Crushing and Screening Circuit, under District permit B000751.

CONDITIONS:

1. This circuit shall be operated concurrently with the Sentinel Quarry Crushing and Screening Circuit under valid District permit B000751.
2. The points where dust suppression is applied shall be so chosen that particulate emissions from the handling, processing, and storing of ore, product and/or waste are sufficiently treated to comply with all applicable Rules and Regulations of this District, which are included in part in Regulations IV and XIII.
3. The owner/operator, o/o, shall operate and maintain this system in strict accord with the recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of particulate matter.
4. The o/o shall log all maintenance, repairs, replacements on the equipment. The log shall be maintained current, on-site for a minimum of 2 years and provided to District personnel on request.

Fee Schedule: 7(h) Rating: 1.0 SIC: 1422 SCC: 99999999 Location/UTM(Km): 506E/3806N

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