



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

T014999

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: JUNE 2026

OWNER OF OPERATOR (Co.#2502)

Castle Mountain Venture
980 American Pacific Dr., Suite 102
Henderson, NV 89014

EQUIPMENT LOCATION (Fac.#3896)

Castle Mountain Mine
115575 Hart Mine Road
Ivanpah, CA 92364

Description:

AGGLOMERATION PEBBLE LIME METERING SILO #2 consisting of: Agglomeration Plan Equipment

EQUIPMENT

Capacity	Equipment Description
0	Pebble Lime Metering Silo, 4,421 cuft
0	Pebble Lime Metering Silo Bin Vent, Manufactured by WAM USA Inc., Model Silotop Zero, 264 sq. ft., 7 filter cartridges (each 16.7" x 36.5"), 1500 acfm.
0	Pebble Lime Metering Silo Screw Conveyor
3	Pebble Lime Metering Silo Screw Conveyor Motor
0	Pebble Lime Metering Silo Mounting Skid
0	Pebble Lime Metering Silo Fill Hose (30' L x 3" D)
0	Pebble Lime Metering Silo Rotary Valve
0.75	Pebble Lime Metering Silo Rotary Valve Motor
0	Pebble Lime Metering Silo Control Panel

CONDITIONS:

Fee Schedule: 5 (b)

Rating: 33069 gallons

SIC: 1041

SCC: 30501613

Location/UTM(Km):
672E/3905N

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.

Castle Mountain Venture
980 American Pacific Dr.

Henderson, NV 89014

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

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 Rule 1302]

2. Pebble Lime shall not be added to the silo unless the silo is properly vented to a properly functioning bin vent.
[District Rule 401 and 1302]

3. The owner/operator shall comply with all applicable rules and regulations of the District. Applicable rules include, but are not limited to the following: 401-Visible Emissions, 402-Nuisance, 403-Fugitive Dust Control, and 430-Breakdowns.
[District Regulation IV]

4. The combined throughput to equipment under District Permits T014425 and T014999 shall not exceed 18,750 tons per year.
[District Rule 1302]

5. The owner/operator shall conduct a minimum program of inspection and maintenance on this equipment. The owner/operator 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. Monthly truck loadout observation date and result (using USEPA Method 22, and USEPA Method 9 if a Method 22 detects opacity);
 - b. Date and nature of any system repairs; and
 - c. Monthly total (in tons) of lime added to the lime silo.[District Rules 401 and 1302]

6. The transfer of pebble lime at the metering silo screw conveyor transfer point must be controlled using either shrouding or enclosure.
[District Rule 1302]

7. Owner/operator of this facility shall obtain and maintain a District-approved Dust Control Plan as set forth by the requirements of District Rule 403.

8. 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]