



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

PERMIT TO OPERATE

T014425

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

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 #1 consisting of: Agglomeration Plan Equipment

EQUIPMENT

| Capacity | Equipment Description |
|----------|---|
| 30.67 | 340-BN-002 Pebble Lime Guppy, Viking, 4100 cuft (30,670 gallons) |
| 0 | Pebble Lime Guppy Blower, 50 hp |
| 5.984 | 340-BN-004 GBI Pebble Lime Metering Silo, 800 cuft (5,984 gallons) |
| 0 | 340-BN-004 DC1 Cement Metering Silo Bin Vent, Sly Mfg. Model CF-2-3-SB, 480 sq. ft., 6 filter cartridges (36"L), 1000 cfm |
| 0 | 340-BN-004-CV1 Pebble Lime Metering Silo Screw Conveyor |
| 0 | 340-BN-004-M1 Pebble Lime Metering Silo Screw Conveyor Motor |
| 0 | 340-BN-004-MS1 Pebble Lime Metering Silo Discharge Activator |
| 0 | 340-BN-004-M3 Pebble Lime Metering Silo Discharge Activator Motor |
| 0 | 340-BN-004-MS2 Pebble Lime Metering Silo Mounting Skid |
| 0 | 340-BN-004-MS3 Pebble Lime Metering Silo Fill Hose |
| 0 | 340-BN-004-RV1 Pebble Lime Metering Silo Rotary Valve |
| 0 | 340-BN-004-M2 Pebble Lime Metering Silo Rotary Valve Motor |
| 0 | 340-BN-004-CP1 Pebble Lime Metering Silo Control Panel |

Fee Schedule: 5 (b)

Rating: 36654 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

| Capacity | Equipment Description |
|----------|--|
| 0 | 340-BN-004-SC1 Pebble Lime Metering Silo Weigh Scale |

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 Rule 1302]

2. Pebble Lime shall not be added to the guppy and/or silo unless the guppy and/or silo are properly vented to a properly functioning bin vent.

[District Rule 1302 and 401]

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 guppy and lime silo.

[District Rule 1302; 401]

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]