

**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

INACTIVE**B010231**

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: MARCH 2012**OWNER OF OPERATOR (Co.#1795)**

Las Vegas Paving
4420 South Decatur Blvd.
Las Vegas, NV 89103

EQUIPMENT LOCATION (Fac.#3044)

Las Vegas Paving - Yates Well Rd
Intersection Yates Well & I-15
Mountain Pass, CA 92364

Description:

MARINATION PLANT consisting of: Marination Plant adds a lime coating to the aggregate materials.

EQUIPMENT

Capacity	Equipment Description
0	Feeder, 2 Bin
5	Under Conveyor #1 - 30" by 20'
10	Under Conveyor #2 - 30" by 20'
40	Collecting Conveyor - 30" by 130'
15	Transfer conveyor - 30" by 30'
0	Silo - 11' by 45'
40	Lime Slurry Tank 2 each @ 20,000 gallons (2 @ 20 hp mixing screws)
5	Lime Slurry Pump 200 gpm
150	Pugmill, cedar Rapids - 5' by 15' (2 @ 75 hp)
15	Conveyor #1 - 36" by 52'
15	Under Conveyor to Pugmill 42" by 26'
15	Incline auger
5	Cross Auger
30	Stacker #1 - 36" x 110'
0	Diesel Tank - 1 at 500 gallons

Fee Schedule: 1 (c)

Rating: 345 bhp

SIC: 2951

SCC: 30502503

Location/UTM(Km):
634E/3927N

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.

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

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. Equipment shall be operated/maintained according to the recommendations of the manufacturer/supplier and/or sound engineering principles.
3. Roadways, work areas, stockpiles, and materials being processed 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.
4. The owner/operator shall comply with all applicable Rules and Regulations of the District. Applicable rules include, but are not necessarily limited to Rules 401, 402, and 403.
5. The owner/operator shall notify the District Stationary Sources Section 10 days prior to operation of this equipment.
6. This facility shall not operate more than 24 hours per day, 7 days per week, 52 weeks per year.
7. This equipment is limited to a total of 500 operating hours per calendar year.
8. The maximum hourly throughput of material through this process shall not exceed 450 tons per hour (tph).
9. The owner/operator shall limit the annual production (sum of all products) to 150,000 tons per year.
10. Emissions from this facility shall not exceed the following emission limits, based on a rolling 12 month summary:
 - a. NO_x - 24.9 tons/year
 - b. PM₁₀ - 14.9 tons/year
11. Total emissions of Federal Hazardous Air Pollutants or HAP (as listed in Section 112(b) of the Federal Clean Air Act, see <http://www.epa.gov/ttn/atw/orig189.html>) from this facility shall not exceed 10 tons per year for any single HAP and 25 tons per year for any combination of HAPs, calculated on a rolling twelve-month basis.
12. Water sprays shall be used at conveyor points of charge and discharge, crushers, feeders, and screens, to control fugitive emissions. Through the use of water sprays, a minimum moisture content of two (2%) percent shall be maintained throughout the rock plant.
13. Materials processed by equipment delineated above shall contain at a minimum 2.0% moisture at the inlet and 3.0% moisture at the outlet. The moisture content of the aggregate material shall be analyzed monthly according to material moisture test ASTM C566-97. Sample location shall be representative of all aggregate fed through system as per District Approved site-specific sampling plan. Material to be tested must be taken from, but not limited to the feed, after pugmill and each product stockpile
14. 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 the following
 - a) Seven (7) percent opacity from all stack, such as the air separator (40 CFR 60.672(a)(2)),
 - b) Ten (10) percent opacity from all transfer points, screens and fugitive emission points (40 CFR 60.672(b)), and/or
 - c) Fifteen (15) percent opacity from all crushers (40 CFR 60.672(c)).

15. Visible emissions from this system shall not exceed an opacity equal to or greater than twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor.

16. The owner/operator will periodically monitor opacity from fugitive emission points according to the following methodology:

a) The owner or operator must conduct a monthly 1-minute visible emissions test of each affected source in accordance with USEPA Method 22. The test must be conducted while the affected source is in operation.

b) If no visible emissions are observed in six consecutive monthly tests for any affected source, 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.

c) If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semi-annually to annually for that affected source. If visible emissions are observed during any 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.

17. 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, as a minimum:

- a) Tons of product produced per day,
- b) Tons of product produced per month,
- c) Tons of product produced per year,
- d) Number of hours operated per day,
- e) Number of hours operated per month,
- f) Number of hours operated per year,
- g) Results of the bi-month moisture content tests in accord with Condition 13,
- h) Opacity results from fugitive emission points in accord with Condition 14, 15 and 16, and
- i) Maintenance and break down records associated with all water spray systems.

18. 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.

19. The owner/operator shall conduct all required compliance/certification tests in accordance with a District-approved test plan. Thirty (30) days prior to the compliance/certification tests the o/o shall provide a written test plan for District review and approval. Written notice of the compliance/certification test shall be provided to the District ten (10) days prior to the tests so that an observer may be present. A written report with the results of such compliance/certification tests shall be submitted to the District within forty-five (45) days after testing.

20. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, on a yearly basis, which is to be received by the District no later than April 30 of each year. This facility shall emit less than 15 tons of PM10 and less than 25 tons of NOx on a rolling twelve month summary basis. Compliance with this limit shall be verified with monthly facility emission summaries calculated using a District-approved method, with at least the last two years of monthly emissions summaries maintained for a minimum of two years and provided to District, State or Federal personnel upon request.

21. Electrical power for this facility shall only be provided by grid power or by an engine (or engines) with a valid District permit except for 364 days from the date of initial operation (which was May 30, 2008 and ending on May 29, 2009) when an engine with a valid CARB registration (PERP) may be used.

22. The owner/operator shall conduct all required compliance (initial and routine) tests in accordance with a District-approved test plan. Thirty (30) days prior to the compliance/certification tests the o/o shall provide a written test plan for District review and approval. Written notice of the compliance/certification test shall be provided to the District ten (10) days prior to the tests so that an observer may be

present. A written report with the results of such compliance/certification tests shall be submitted to the District within forty-five (45) days after testing

23. 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.

24. This equipment shall not be operated closer than 1000 feet from the outer boundary of the nearest school (K-12).