



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

B015621

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: MAY 2027

OWNER OF OPERATOR (Co.#1398)

BJ Rees's Enterprises
1045 S. Hoytsville Road
Coalville, UT 84017

EQUIPMENT LOCATION (Fac.#4588)

BJ Rees's Enterprises - Hodge Rd.
23700 Hodge Road
Barstow, CA 92311

Description:

AGGREGATE PROCESSING, PORTABLE SCREENING AND CRUSHING consisting of: An aggregate processing circuit consisting of a single feeder, a jaw crusher, two secondary crushers, four 3-deck screens, and up to thirty conveyors.

EQUIPMENT

Capacity	Equipment Description
250	Jaw Crusher
25	Conveyor 1
25	Conveyor 2
25	Conveyor 3
25	Conveyor 4
85	Superstacker/Conveyor
60	Screen 1
25	Conveyor 5
600	VSI Crusher 1
60	Screen 2
25	Conveyor 6
25	Conveyor 7

Fee Schedule: 1 (d)

Rating: 2300 bhp

SIC: 1442

SCC: 30502004

Location/UTM(Km):
487E/3844N

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.

BJ Rees's Enterprises
1045 S. Hoytsville Road
Coalville, UT 84017

By: **COPY**
Brad Poiriez
Executive Director

Capacity	Equipment Description
25	Conveyor 8
25	Conveyor 9
25	Conveyor 10
25	Conveyor 11
25	Conveyor 12
25	Conveyor 13
25	Conveyor 14
400	400 Cone Crusher
60	Screen 3
25	Conveyor 15
25	Conveyor 16
25	Conveyor 17
25	Conveyor 18
25	Conveyor 19
25	Conveyor 20
25	Conveyor 21
25	Conveyor 22
25	Conveyor 23
25	Conveyor 24
25	Conveyor 25
25	Conveyor 26
25	Conveyor 27
25	Conveyor 28
25	Conveyor 29
60	Screen 4

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance 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 204]

2. The owner/operator shall limit the annual production (sum of all products) from this equipment to no more than 5,241,600 tons per calendar year. [District Rules 1303 and 1320]

3. Electrical power for this facility shall only be provided by grid power or by an engine (or engines) with a valid District permit. [District Rule 204]

4. This equipment must be equipped with a fully operational water spray system as necessary to observe the opacity limits specified in this permit. The equipment shall not be operated unless the water spray system is operating properly. [40 CFR 60 Subpart OOO Section 60.672, District Rule 1303]

5. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits an opacity during any one hour period measured over ten 6-minute averages greater than:

- a. twelve (12) percent opacity from any crusher; and
- b. seven (7) percent opacity from any transfer points and fugitive emission points

[40 CFR 60 Subpart OOO Section 60.672 & Table 3]

6. Other than the emission points specified in Condition 5, this equipment shall not discharge into the atmosphere an exhaust stream that exhibits 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.

[District Rule 401(C)(1)(b)]

7. A pressure gauge (psi) shall be installed and maintained in the high pressure water spray system. The pressure gauge shall be of appropriate scale and calibrated according to manufacturer specifications.

[District Rule 1303]

8. A high pressure water spray system shall be installed and operated as necessary at the locations (including, but not limited to, the receiving feeders, conveyor intake and discharge, crushers, and screens) specified within the application for this permit in order to control fugitive emissions. High pressure water spray system shall be defined as a water spray system which can be readily controlled, has an operating pressure of at least 150 psig, and produces an atomized spray to suppress airborne dust.

Through the use of the high-pressure water sprays, a minimum moisture content of one and one-half percent (1.5%) shall be maintained throughout the plant. The owner/operator must perform monthly moisture content testing at each crusher, operating screen, and each storage pile produced. If a screen is not in use at the time of testing, a notation shall be made in the operational log. No additional water may be added to the samples prior to collection. This testing shall be conducted in accordance with ASTM C566-19.

The frequency of this monthly moisture testing may be reduced to quarterly following three consecutive monthly tests, demonstrating a moisture content of 1.5% or greater at all required sampling locations. In the event that any of the quarterly tests show moisture content of less than 1.5%, the owner/operator shall revert back to monthly moisture content testing until three consecutive monthly tests demonstrate a moisture content of 1.5% or greater at all required sampling locations and the quarterly testing frequency can be resumed. District inspectors may require additional samples to be taken and tested during inspections if dusting is noticed.

[District Rules 204, 1302 and 1303(A): Daily BACT]

9. The owner/operator must perform monthly inspections of all wet suppression systems to verify that high pressure water, at a minimum pressure of 150 psig at the manifold, is properly flowing through all discharge spray nozzles. The owner/operator must initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if they find that water is not flowing properly, or is not flowing at sufficient operating pressures, during inspections. The owner/operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the facility log.

[District Rule 1303(A): Daily BACT, 40 CFR 60.674(b)]

10. The owner/operator must conduct an initial compliance test per 40 CFR 60, Subpart OOO requirements, including opacity (USEPA Method 9 or equivalent) testing as applicable for each fugitive emission point (crusher, screen, and transfer point, or other) associated with this equipment. Requirements include maintaining an opacity of twelve (12) percent or less at each crusher and an opacity of seven (7) percent or less from all other transfer and fugitive emission points. The initial compliance test must be conducted within 60 days of achieving full production rate but in no case later than 180 days following initial startup. Compliance test shall be carried out in accordance with the test methods defined in 40 CFR 60.11, 40 CFR 60 - Subpart OOO - Section 60.675, and the District Compliance Test Procedural Manual.

[40 CFR 60.672; 40 CFR 60 Subpart OOO Table 3]

The owner/operator must submit a compliance/certification test protocol at least thirty (30) days prior to the compliance/certification test date. The owner/operator must conduct all required compliance/certification tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/certification test date so that an observer may be present. The final compliance/certification test results must be submitted to the District within forty-five (45) days of completion of the test. All compliance/certification test notifications, protocols, and results may be submitted electronically to

reporting@mdaqmd.ca.gov

[District Rule 204]

11. The o/o will periodically monitor opacity from fugitive emission points according to the following methodology:

(i) 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.

(ii) 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.

(iii) If no visible emissions are observed during two consecutive semi-annual tests 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.

[District Rules 204 and 1303, 40 CFR 60 Subpart OOO Section 60.672]

12. The o/o shall maintain a current, on-site operations log for a minimum of 2 years and shall provide this log to District personnel upon request. The log shall include the following information at a minimum:

- a. Monthly inspections of water spray system, including dates and any corrective actions, as required by Condition 9;
- b. Periodic moisture content testing as required by Condition 8, including indication of the operational status of each screen;
- c. Records of each performance test conducted on this equipment;
- d. Date and result of all required US EPA Method 22 VE observations (and US EPA Method 9 VE, as required by conditions 10 and 11), and any corrective actions taken;
- e. Daily hours of operation;
- f. Maximum aggregate production rate in tons/hour achieved on each day of operation;
- g. Amount of aggregate produced in tons/day; and
- h. Rolling 12 month sum of aggregate produced in tons/year.

[District Rule 1303; 40 CFR 60.676]

13. Roadways, work areas, stock piles and materials processed by equipment shall contain sufficient and/or added moisture to ensure compliance with District rules 401, 402 and 403. Sufficient water and equipment in operable condition shall be maintained on-site and used as necessary to ensure compliance with these rules.

[District Rule 204; District Rule 401; District Rule 403; 40 CFR 60, Subpart OOO]

14. This facility shall operate in compliance with the Federal Clean Air Act and specifically those provisions as outlined in the Code of Federal Regulations, Part 60, Chapter I, Title 40, Subpart OOO, which delineates the Standards of Performance for Non-Metallic Mineral Processing Plants.

[District 204, district Rule 1320]

15. Emissions from the entire facility must remain below the following thresholds:

Facility-wide PTE as Emissions Limit - Criteria

Criteria Pollutant Emission

// Pollutant // Tons per year

VOC // Less than 20

NOx // Less than 20

SOx // Less than 20

PM10 // Less than 12

CO // Less than 80

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Facility-wide PTE as Emissions Limit - Toxics

Toxic Pollutant Emission

// Pollutant // tons per year

Single HAP // Less than 8

All HAPs Combined // Less than 20

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Compliance shall be demonstrated to the District through the submission of a District approved Comprehensive Emission Inventory Report (CEI) or other equivalent and District approved method upon written request from the District.

[District Rules 1302 and 1320]

16. ATC ONLY: This unit is part of a group of new equipment permitted under B015621, B015622, B015623, B015624, and B015625. These are meant to replace equipment permitted under B015337, B015538, and B015496. Existing equipment permits must be cancelled before commencing operation of this new equipment. The owner/operator must contact the MDAQMD PRIOR to adding any new equipment or modifying any existing equipment which requires submission of a MDAQMD permit application and may require a

Health Risk Assessment.

[District Rule 204; District Rule 1320]

17. 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. For the purposes of CEI, Facility is defined as every structure, appurtenance, installation, and improvement on land which is associated with a source of air releases or potential air releases of a hazardous material.

[District Rule 107(b); H&S Code 39607 & 44341-44342; 17 CCR 93400 et seq.; and 40 CFR 51, Subpart A]