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

B012387

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: OCTOBER 2024

OWNER OF OPERATOR (Co.#2238)

Coast Aggregates
4621 Teller Avenue, Suite 130
Newport Beach, CA 92660

EQUIPMENT LOCATION (Fac.#3598)

Coast Aggregates - Big Rock Creek
13114 East Avenue T
Palmdale, CA 93550

Description:
AGGREGATE CRUSHING AND SCREENING SYSTEM consisting of: Crushing, Screening, and Wash Stages, Rated at 1,000 Tons Per Hour. All dry crushing, screening, and conveying operations are controlled by High Pressure (minimum of 200 psig) Water Sprays. Facility elevation: 2,686'

EQUIPMENT

Capacity	Equipment Description
0	FH2 (PIT), PIT REMOTE FEEDER, 8 X 20, 0 bhp, 1000 TPH
20	C1 (PIT), FH2 UNDERBELT, 48 X 20', 20 bhp, 1000 TPH
60	C2 (PIT), #1 PIT SHUTTLE, 42 X 680, 60 bhp, 1000 TPH
30	C3 (PIT), #2 PIT SHUTTLE, 42 X 125, 30 bhp, 1000 TPH
0	FH1 (PIT), FEED HOPPER, 8' X 22', 0 bhp, 1000 TPH
70	TVF (VG1) (PIT), TELSMITH VIBRATING FEEDER, 8' X 16' , 70 bhp, 600 TPH
150	CR1 JAW (2) (PIT), NORDBERG JAW CRUSHER / JC3042, 30" X 42", 150 bhp, 400 TPH
40	(4) JAW UNDERBELT (PIT), TELSMITH JAW UNDERBELT, 48" X 80', 40 bhp, 1000 TPH
0	FH1a (PIT), FEED HOPPER, 4 X 17', 0 bhp, 1000 TPH
30	C5 (PIT), REVERSIBLE BELT, 48 X 40, 30 bhp, 1000 TPH
60	C6 (PIT), SCREEN S4 FEED (PIT), 42 X 330', 60 bhp, 1000 TPH
80	S4 SCREEN (S4) (50% OF THE TIME), PIT SCALPING SCREEN (NEW - 50% of THE TIME), 8 X 24', 80 bhp, 1000 TPH

Fee Schedule: B (N/A) Rating: 1 device SIC: 1442 SCC: 30504030 Location/UTM(Km): 428E/3822N

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.

Coast Aggregates
4621 Teller Avenue

Newport Beach, CA 92660

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

Capacity	Equipment Description
60	C7 (PIT), SCREEN S4 UNDERBELT SHUTTLE (PIT), 48 X 280', 60 bhp, 400 TPH
0	FH1b (PIT) (50% OF THE TIME), FEED HOPPER, 6 X 6, 0 bhp, 400 TPH
60	(OLD 52) STANDBY SURGE (FROM PIT), BOTTOM S4 to STANDBY SURGE (50% OF THE TIME), 42" X 80', 60 bhp, 400 TPH
30	C10 (PIT), SCREEN S4 UNDERBELT (PIT) TO C11, 48 X 80', 30 bhp, 800 TPH
60	C11 (PIT), SURGE PILE STACKER, 42 X 150' , 60 bhp, 800 TPH
10	C11a (PIT), #1 TUNNEL FEEDER BELT, 48 X 12', 10 bhp, 500 TPH
10	C11b (PIT), #2 TUNNEL FEEDER BELT, 48 X 12', 10 bhp, 500 TPH
40	C12 (PIT), T0 TUNNEL BELT, 42 X 283', 40 bhp, 800 TPH
0	T0 TUNNEL, 12' X 40' TUNNEL, 12' X 40', 0 bhp, 800 TPH
40	C13 (PIT), MAIN PLANT FEED SHUTTLE #1, 36 X 340', 40 bhp, 800 TPH
60	(OLD 32) CONVEYOR (PIT), #1 SHUTTLE BELT, 36" X 338', 60 bhp, 1000 TPH
100	(OLD 36) MAIN FEED #1 SHUTTLE (FROM PIT), #1 OVERLAND SHUTTLE, 30" X 1107', 100 bhp, 1000 TPH
100	(OLD 26) MAIN FEED #1 SHUTTLE (FROM PIT), #2 OVERLAND SHUTTLE, 36" X 106', 100 bhp, 800 TPH
0	FH1c (PIT), FEED HOPPER, 6 X 6, 0 bhp, 800 TPH
10	(24a) CONE UNDERBELT, BOTTOM OF 4-1/4 CONE, 36" X 22', 10 bhp, 1000 TPH
50	(27) SCREEN FEED STACKER, S1 FEED STACKER, 46" X 70', 50 bhp, 1000 TPH
50	S1 SCREEN (6), 6' X 20' PRIMARY TWO DECK, 6' X 20', 50 bhp, 1000 TPH
15	C35 - CR2 FEED FROM S1 TOP DECKS, CR2 CONE FEED, 36" X 60', 15 bhp, 200 TPH
400	CR2 CONE (29), NORDBERG HP 400, 48" / 6" minus, 400 bhp, 200 TPH
20	C14 to C46, SECOND DECK of S2 AND THIRD OF S1, 30" X 25', 20 bhp, 300 TPH
20	C46 CR3 CONE FEED, C46 TO CR3, 36" X 70', 20 bhp, 300 TPH
200	CR3 CONE (29), NORDBERG 4-1/4", 4-1/4" minus, 200 bhp, 300 TPH
40	S2 SCREEN (33), 6' X 16' SECONDARY THREE DECK, 6' X 16', 40 bhp, 300 TPH
15	C27a - S1/S2 UNDERBELT, S1/S2 UNDERBELT TO C27b, 42" X 40', 15 bhp, 800 TPH
20	C27b SHUTTLE BELT TO C27c, 42" X 58', 20 bhp, 800 TPH
40	C27c SHUTTLE BELT TO C27d, 42" X 186', 40 bhp, 800 TPH
50	C27d STACKER TO #1 SURGE PILE, 42" X 150', 50 bhp, 800 TPH
5	C27e #1 SURGE PILE UNDERBELT, 5 bhp
5	C27f #1 SURGE PILE UNDERBELT, 5 bhp
50	C15 TUNNEL BELT TO C52 SURGE STACKER, 42" X 200', 50 bhp, 800 TPH
50	C52 SURGE STACKER, SURGE STACKER TO #2 SURGE PILE, 36" X 200', 50 bhp, 800 TPH
5	C52a #2 SURGE PILE UNDERBELT TO T2 TUNNEL BELT, 5 bhp
40	T2 TUNNEL BELT, UNDER SURGE TUNNEL BELT, 42" X 60', 40 bhp, 800 TPH
0	T2 TUNNEL, 12' X 40' TUNNEL, 12' X 40', 0 bhp, 800 TPH
40	C43 WET PLANT FEED BELT, WET PLANT FEED BELT, 42" X 75', 40 bhp, 800 TPH
40	SS1 SINGLE WASH SCREW (23), WBST SINGLE SAND SCREW(WET), 48" X 24', 40 bhp, 800 TPH
40	S3 SCREEN (22) (WET PLANT), JCI 7' X 20' WET THREE DECK, 7' X 20', 40 bhp, 800 TPH
25	(51) GB #2 STACKER, TOP DECK S3 to STOCKPILE GB #2 (WET), 30" X 70', 25 bhp, 50 TPH
15	(52) ASTM 67 SHUTTLE, SECOND DECK S3 to C37 STACKER (WET), 24" X 45', 15 bhp, 100 TPH
40	(37) STACKER, ASTM 67 STACKER (WET), 36" X 100', 40 bhp, 100 TPH
15	(54) WET BASE SHUTTLE, THIRD DECK S3 to C28 STACKER (WET), 30" X 70', 15 bhp, 50 TPH
40	(28) C28 STACKER, WET BASE STACKER (WET), 36" X 70', 40 bhp, 50 TPH
75	(22a) SS2 SAN SCREW, GREYSTONE TWIN SAND SCREWS, 54" x 24', 75 bhp, 600 TPH
0	(38) B TANK, 0 bhp, 270 TPH
20	(55) C55 FEED BELT, ATTRITION MILL FEED, 36" x 43', 20 bhp, 320 TPH
150	(10a) SS3 SAND SCREW, GREYSTONE TWIN SAND SCREWS, 66" x 24', 150 bhp, 330 TPH
0	(18) A TANK, 0 bhp, 330 TPH

CONDITIONS:

1. This equipment must be installed, operated, and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles to produce the minimum emissions of contaminants. Unless otherwise noted, this equipment must also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rules 1302(C)(2)(a)]

2. Particulate Matter emissions from crushing operations, screens, conveyors, transfer points and storage piles shall be minimized when needed with water sprays or water sprays containing wetting agents. The emission control method identified in the equipment list above shall be used while equipment is in operation.
[District Rule 1303]

3. The material throughput shall not exceed 2,720,000 tons per calendar year (TPY); condition ensures that the facility does not exceed 15 tpy of PM-10 emissions.
[District Rule 1303]

4. The owner/operator shall keep daily, monthly, and yearly throughput records to ensure compliance with the above mentioned conditions. Records shall be kept and maintained on site for a minimum of two years and made available to District, State, and Federal personnel upon request.
[District Rule 204]

5. The owner/operator must perform monthly inspections of all wet suppression systems to verify that water is properly flowing through all discharge spray nozzles. The owner/operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if they find that water is not flowing properly, or, is not flowing at sufficient operating pressures, during inspections.
[40 CFR 60.674(b)]

6. High Pressure Water Spray System shall be installed and operated as necessary at the receiving hopper, all conveyor points of charge and discharge, crushers, feeders, and screens to control fugitive emissions. A High Pressure Water Spray System shall be defined as a water spray system which can be readily controlled, has a minimum operating pressure of 200 psig, and produces an atomized spray to suppress airborne dust.
[District Rule 1303]

7. Each High Pressure Water Spray System must be equipped with equipment/components which meet the minimum specifications:
(a) High pressure water pump capable of sustaining 200 psi in the spray system.
(b) Pressure gauge (psig) of appropriate scale.
(c) Water line with threaded connection fittings. Flexible water line shall be made of high quality material such as nitrile and have crimped or threaded hose fitting ends.
(d) All plumbing components (valves, connectors, spray nozzles) must be made of brass or comparable material.
(e) Inline water filter.
(f) Pressure relief valve.
[District Rule 1303]

8. 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 transfer points, screens and fugitive emission points (40 CFR 60.672(b)); and/or,
(b) Fifteen (15) percent opacity from all crushers (40 CFR 60.672(c)).
[District Rule 1302; Derived from 40 CFR Part 60, Subpart OOO]

9. The owner/operator must conduct quarterly 6-minute visible emissions (VE) inspections using EPA Method 22 on each crusher, screen, and conveyor belt transfer point. The Method 22 test shall be conducted while the equipment is operating.
The test is successful if visible emissions observed are within opacity limits described in Condition 8. If any VE are observed, the owner/operator must either cease operation and make all necessary corrections to the dust suppression systems until no further visible emissions are noted OR shall conduct a US EPA Method 9 to verify compliance with Condition 8. If compliance with Condition 8 cannot be verified, owner/operator must initiate corrective action within 24 hours to return equipment to compliance.

[District Rule 1302; Derived from 40 CFR Part 60, Subpart OOO]

10. A facility log must be maintained on-site for at least three (3) years and made available to District personnel upon request. This log shall contain, as a minimum:
(a) Total tons of product produced per month and per each consecutive twelve-month period;
(b) Periodic inspections of water spray system, including dates and any corrective actions taken, as required by Condition 2;
(c) Records of each performance test conducted on this equipment; and,
(d) Date and result of all required US EPA Method 22 VE observations (and US EPA Method 9 VE, as required), and any corrective actions taken.
(e) Results of Monthly Moisture Content Testing.
[40 CFR 60.676; District Rules 204 and 1302]

11. The o/o shall perform monthly moisture content testing to confirm that the moisture content is at least 2.0%. The moisture content of the aggregate material shall be analyzed according to material moisture test ASTM C566-97. Aggregate shall be sampled prior to feed to hopper.
[District Rule 1303]

12. Aggregate charged, and aggregate material in process shall be kept sufficiently moist to prevent visible dust emissions or maintain a minimum of 2.0 percent moisture content.
[District Rule 1303]

13. This facility shall comply with District Rules 401, 402, and 403 which correspond to Visible Emissions, Nuisance, and Fugitive Dust, respectively.
[District Rules 401, 402, and 403]

14. 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.
[District Reg IV]

15. This equipment shall be operated in compliance with all applicable requirements of 40 CFR part 60 subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
[40 CFR 60.670(a)(2)]

16. This equipment is authorized to operate at various footprints within the boundary of this facility.
[District Rules 1302 and 1401]

17. This facility is a Minor Source, with emissions limited by production limits; emissions are below SM-80 thresholds, therefore facility is not required to report to USEPA's Integrated Compliance Information System (ICIS).
[District Rule 204]

18. A facility wide Comprehensive Emission Inventory Report (CEIR) 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]