

SEP 11 2015

Rhonda Nunneley
Delano Rock and Asphalt, LLC
PO Box 994248
Redding, CA 96099-4248

RE: Notice of Final Action - Authority to Construct
Facility Number: S-8504
Project Number: S-1153108

Dear Ms. Nunneley:

The Air Pollution Control Officer has issued the Authority to Construct permit to Delano Rock and Asphalt, LLC for a transportable hot mix asphalt batch plant, at the SE Corner of Schuster Road and Randolph St, Delano. Enclosed are the Authority to Construct permit and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permit was published on August 10, 2015. The District's analysis of the proposal was also sent to CARB on August 5, 2015. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura at (661) 392-5500.

Sincerely,



Arnaud Marjollet
Director of Permit Services

AM:rue/ya

Enclosures

cc: Mike Tollstrup, CARB (w/enclosure) via email

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



Facility # S-8504
DELANO ROCK AND ASPHALT, LLC
1643 TAHOE CT
REDDING, CA 96003

AUTHORITY TO CONSTRUCT (ATC)

QUICK START GUIDE

1. **Pay Invoice.** Please pay enclosed invoice before due date.
2. **Fully Understand ATC.** Make sure you understand ALL conditions in the ATC prior to construction, modification and/or operation.
3. **Follow ATC.** You must construct, modify and/or operate your equipment as specified on the ATC. Any unspecified changes may require a new ATC.
4. **Notify District.** You must notify the District's Compliance Department, at the telephone numbers below, upon start-up and/or operation under the ATC. Please record the date construction or modification commenced and the date the equipment began operation under the ATC. You may NOT operate your equipment until you have notified the District's Compliance Department. A startup inspection may be required prior to receiving your Permit to Operate.
5. **Source Test.** Schedule and perform any required source testing. See http://www.valleyair.org/busind/comply/source_testing.htm for source testing resources.
6. **Maintain Records.** Maintain all records required by ATC. Records are reviewed during every inspection (or upon request) and must be retained for 5 years.

By operating in compliance, you are doing your part to improve air quality for all Valley residents.

**For assistance, please contact District Compliance staff at
any of the telephone numbers listed below.**

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AUTHORITY TO CONSTRUCT

PERMIT NO: S-8504-1-2

ISSUANCE DATE: 09/09/2015

LEGAL OWNER OR OPERATOR: DELANO ROCK AND ASPHALT, LLC

MAILING ADDRESS: 1643 TAHOE CT
REDDING, CA 96003

LOCATION: SE OF INTERSECTION OF SCHUSTER RD & RANDOLPH ST
DELANO, CA

EQUIPMENT DESCRIPTION:

TRANSPORTABLE HOT MIX ASPHALT BATCH PLANT WITH FOUR (4) COLD FEED AGGREGATE HOPPERS, FEED COLLECTION CONVEYOR, TWO (2) RAP FEED HOPPERS, ONE CRUSHER FEED CONVEYOR, ONE VIBRATING SCREEN FEED CONVEYOR, ONE DRYER/MIXER FEED CONVEYOR, ONE NATURAL GAS/PROPANE-FIRED ROTARY DRYER/MIXER WITH 70 MMBTU/HR HAUK NOVASTAR MODEL NS75-004 I LOW-NOX BURNER VENTED TO A ALLMIX BAGHOUSE, ONE ENCLOSED DRAG SLAT CONVEYOR; ONE 100-TON ASPHALT CONCRETE STORAGE SILO WITH A TRUCK LOADOUT, BLUE SMOKE FILTER CONTROL SYSTEM, AND ASPHALT CONCRETE STORAGE SILO VENT AND SILO DISCHARGE GATE VENTED TO ROTARY DRYER/MIXER BURNER

CONDITIONS

1. ATC S-8504-1-1 is hereby cancelled. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
4. All stockpiled aggregate, reclaimed asphalt pavement, and other materials shall be maintained adequately moist to prevent visible emissions in excess of 20% opacity. [District Rule 2201]
5. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
6. Asphalt concrete storage silo and truck loadout shall be vented to the rotary dryer and blue smoke filter pack. [District Rule 2201]
7. All conveyors, except for drag slat conveyor, shall be equipped with water sprays at drop points. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST** NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

Renaud Marjollet, Director of Permit Services

S-8504-1-2 : Sep 9 2015 11:18AM - EDGEHILR : Joint Inspection NOT Required

8. Visible emissions from the baghouse serving the asphaltic concrete rotary drum dryer/mixer shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201]
9. The baghouse exhaust stack height shall be at least 33 feet from the ground. [District Rule 4102]
10. The baghouse exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
11. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201]
12. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District Rule 2201]
13. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]
14. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]
15. This unit is subject to the requirements of 40 CFR Part 60, Subpart I: Standards of Performance for Asphalt Concrete Plants. [District Rule 4001 and 40 CFR §60.90]
16. Particulate matter emissions from the exhaust stack of the baghouse shall not exceed 0.04 grains/dscf. [District Rule 4001 and 40 CFR §60.92(a)(1)]
17. The drum dryer/mixer burner shall be fired only on natural gas or propane. [District Rule 2201]
18. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of fuel combusted by the drum dryer/mixer burner shall be installed, utilized, and properly maintained. [District Rule 2201]
19. Asphalt processing rate of drum dryer/mixer burner shall not exceed 4800 ton in any one day nor 450,000 ton in any one calendar year. [District Rule 2201]
20. The quantity of aggregate and RAP processed shall not exceed 2,400 tons in any one day. [District Rule 2201]
21. The quantity of aggregate processed shall not exceed 4,800 tons in any one day nor 450,000 tons in any one calendar year. [District Rule 2201]
22. Emissions from the cold feed aggregate hoppers shall not exceed 0.000046 lb-PM10/ton. [District Rule 2201]
23. Emissions from the RAP feed hoppers shall not exceed 0.000046 lb-PM10/ton. [District Rule 2201]
24. Emissions from the rotary dryer/mixer shall not exceed any of the following limits: 0.0492 lb-NO_x/MMBtu, 0.0034 lb-SO_x/ton-asphalt, 0.023 lb-PM10/ton-asphalt (measured at the baghouse outlet), 0.292 lb-CO/MMBtu, nor 0.032 lb-VOC/ton-asphalt. [District Rule 2201 and 4309]
25. The quantity of produced asphaltic concrete transferred into the storage silo and loaded out into trucks shall not exceed 4,800 tons in any one day nor 450,000 tons in any one calendar year. [District Rule 2201]
26. Emissions from the transfer of the produced asphaltic concrete into the storage silo shall not exceed any of the following limits: 0.00118 pounds of CO per ton of asphaltic concrete silo transferred, 0.0085 pounds of VOC per ton of asphaltic concrete transferred, nor 0.000029 pounds of PM10 per ton of asphaltic concrete transferred. [District Rule 2201]
27. Emissions from truck loading of asphaltic concrete shall not exceed any of the following limits: 0.00135 pounds of CO per ton of asphaltic concrete loaded, 0.0029 pounds of VOC per ton of asphaltic concrete loaded, nor 0.000026 pounds of PM10 per ton of asphaltic concrete loaded. [District Rule 2201]
28. Source testing to demonstrate compliance with the particulate matter emissions concentration (grains/dscf) and particulate matter emission rate (lb/ton) from the exhaust stack of the baghouse shall be conducted within 60 days of achieving maximum production rate but no longer than 180 days after initial startup. [District Rule 4001 and 40 CFR §60.8(a)]

CONDITIONS CONTINUE ON NEXT PAGE

29. Compliance with the requirements of 40 CFR Part 60, Subpart I shall be verified by the test methods given in the Subpart. [District Rule 4001 and 40 CFR §60.93]
30. Source testing to determine the particulate matter concentration from the baghouse as required by 40 CFR Part 60, Subpart I: Standards of Performance for Asphalt Concrete Plants shall be conducted using EPA method 5. [District Rule 4001 and 40 CFR §60.93(b)(1)]
31. Source testing to determine opacity as required by 40 CFR Part 60, Subpart I: Standards of Performance for Asphalt Concrete Plants shall be conducted using EPA method 9. [District Rule 4001 and 40 CFR §60.93(b)(2)]
32. Source testing to measure NO_x and CO emissions from this unit shall be conducted within 60 days of initial startup and at least once every 24 months thereafter. [District Rules 2201 & 4309]
33. All test results for NO_x and CO shall be reported in ppmv @ 19% O₂ (or no correction if measured above 19% O₂), corrected to dry stack conditions. [District Rule 4309]
34. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
35. Source testing to measure NO_x and CO emissions from the asphaltic concrete batch plant shall be conducted utilizing one of the following options: (a). Test the unit using locally mined aggregate in the dryer. If the source test using locally mined aggregate fails, the operator may re-run the source test using aggregate from a different source.; (b). Test the unit using aggregate from a source different from the source used during normal operations.; (c). Test the unit using a heat-absorbing material in the dryer, but no aggregate.; (d). Test the unit with no material in the dryer. [District Rule 4309]
36. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]
37. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309]
38. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309]
39. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309]
40. Source testing to measure PM₁₀ emissions shall be conducted using EPA method 201 and 202, or EPA method 201A and 202, or CARB method 501 and 5. [District Rule 1081]
41. In lieu of performing a source test for PM₁₀, the results of the total particulate test may be used for compliance with the PM₁₀ emission limit provided the results include both the filterable and condensable (back half) particulates, and that all particulate matter is assumed to be PM₁₀. If this option is exercised, source testing shall be conducted using CARB Method 5 or EPA Method 5 (including condensable (back half) particulates). [District Rule 1081]
42. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309]
43. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309]
44. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month in which asphalt is produced on at least five days or for at least 32 hours, whichever comes first (and in which a source test is not performed), using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 production days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309]

CONDITIONS CONTINUE ON NEXT PAGE

45. If either the NO_x or CO concentrations corrected to 19% O₂ (or no correction if measured above 19% O₂), as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rule 4309]
46. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]
47. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂ (or no correction if measured above 19% O₂), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309]
48. A daily log shall be maintained and shall include the following: (a). Total quantity of aggregate processed (in tons); (b). Total quantity of RAP processed (in tons); (c). Total storage area (in acres) of the aggregate stockpiles; (d). Total storage area (in acres) of the RAP stockpiles; (e). Total quantity of asphaltic concrete produced (in tons); (f). Total quantity of asphaltic concrete transferred into the storage silo (in tons); (g). Total quantity of asphaltic concrete loaded into trucks (in tons); (h). Type and quantity of fuel consumed in the drum dryer/mixer (in scf of natural gas or gallons of propane). [District Rules 1070 & 2201]
49. The permittee shall maintain a record of the cumulative annual amount of asphaltic concrete produced, transferred into the storage silo, and loaded into trucks. The cumulative total shall be updated at least monthly. [District Rule 1070 & 2201]
50. The permittee shall maintain a record of the cumulative annual heat input to the drum dryer/mixer. The cumulative total shall be updated at least monthly. The heat input can be determined by multiplying the amount of fuel burned by its corresponding heating value (natural gas = 1,000 Btu/scf or propane = 94,000 Btu/gallon). [District Rules 1070 & 2201]
51. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070]