



JUN 14 2010

Mark Trask
Granite Construction Company
2716 Granite Court
Fresno, CA 93706

**RE: Notice of Final Action - Authority to Construct
Project Number: C-1100454**

Dear Mr. Trask:

The Air Pollution Control Officer has issued Authority to Construct permits to Granite Construction Company for the installation of a temporary asphalt drum mix plant to support a nearby road construction project, at 44999 Road 200 in O'Neals, CA.

Enclosed are copies of the Authority to Construct permits 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 this Authority to Construct was published on May 4, 2010. The District's analysis of the proposal was also sent to CARB on April 28, 2010. No comments were received following the District's preliminary decision on this project.

Notice of the San Joaquin Valley Air Pollution Control District's (Air District) public notification of hazardous air emissions associated with the project as mandated by section §42301.6 of the California Health and Safety Code was completed on May 14, 2010. No comments were received following the Air District's preliminary decision on this project.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney at (559) 230-5900.

Sincerely,



David Warner
Director of Permit Services

DW:TM

Enclosures

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



JUN 14 2010

Mike Tollstrup, Chief
Project Assessment Branch
Stationary Source Division
California Air Resources Board
PO Box 2815
Sacramento, CA 95812-2815

RE: Notice of Final Action - Authority to Construct
Project Number: C-1100454

Dear Mr. Tollstrup:

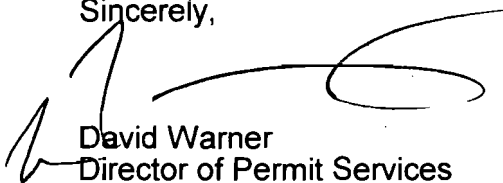
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David Warner
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Fresno Bee

**NOTICE OF FINAL ACTION
FOR THE ISSUANCE OF AUTHORITY
TO CONSTRUCT PERMITS**

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authority to Construct permits to Granite Construction Company for the installation of a temporary asphalt drum mix plant to support a nearby road construction project, at 44999 Road 200 in O'Neals, CA.

No comments were received following the District's preliminary decision on this project.

The application review for Project #C-1100454 is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT, 1990 EAST GETTYSBURG AVENUE, FRESNO, CA 93726.



AUTHORITY TO CONSTRUCT

PERMIT NO: C-7940-1-0

ISSUANCE DATE: 06/14/2010

LEGAL OWNER OR OPERATOR: GRANITE CONSTRUCTION COMPANY

MAILING ADDRESS: 2716 GRANITE COURT
FRESNO, CA 93706

LOCATION: 44999 ROAD 200
O'NEALS, CA 93645

EQUIPMENT DESCRIPTION:

HOT MIX ASPHALTIC CONCRETE DRUM MIX PLANT INCLUDING; SIX AGGREGATE FEED BINS, GRIZZLY SEPARATOR, CONVEYORS, 135 MMBTU/HR HOT MIX DRUM DRYER WITH A GENCOR UL 135 LOW NOX BURNER SERVED BY A GENCOR ULTRA CFT 182 FABRIC COLLECTOR, 3 FINES RECYCLING SCREW CONVEYORS, ASPHALTIC CONCRETE CONVEYORS

CONDITIONS

1. Prior to operating equipment under this Authority to Construct, permittee shall surrender PM10 emission reduction credits for the following quantity of emissions: fourth quarter - 1,398 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]
2. ERC Certificate Number C-1060-4 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. 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]
5. All haul roads and other roadways traversed by mobile equipment and/or motor vehicles shall be adequately moistened with water at such a frequency as required to prevent visible emissions equal to or in excess of 20% opacity from such roads. [District NSR Rule]
6. 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 NSR Rule]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 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

DAVID WARNER, Director of Permit Services
C-7940-1-0 : JUN 14 2010 10 45AM - MASLOWST : Joint Inspection NOT Required

7. Neither cutback, slow cure, or emulsified concrete products (as defined in District Rule 4641, Sections 3.2, 3.4, 3.10, and 5.1) shall be utilized or produced at this facility. [District Rule 4641]
8. The facility will only be operated 8 hours per day. [District Rule 2201]
9. Visible emissions from the baghouses 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]
10. Water sprays shall be used, as needed, at conveyor drop points and grizzly to prevent visible emissions in excess of 5% opacity for more than 3 minutes in any one hour. [District Rule 2201]
11. The baghouses 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. All stockpiled sand, gravel aggregate, rock and other materials shall be maintained adequately moist to prevent visible emissions in excess of 5% opacity for more than 3 minutes in any one hour. [District NSR Rule]
13. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse, and for each type of bag, shall be maintained on the premises. [District Rule 2201]
14. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule]
15. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule]
16. 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]
17. 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)]
18. The rotary drum dryer burner shall be fired only on LPG. [District Rule 2201]
19. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of fuel combusted by the rotary drum dryer/mixer burner shall be installed, utilized, and properly maintained. [District Rule 2201]
20. Drum dryer/mixer shall be equipped with product temperature indicator. [District Rule 2201]
21. Asphaltic concrete manufacturing operation shall not exceed 325 degrees F. [District Rule 2201]
22. Heat input to the rotary drum dryer/mixer burner shall not exceed 1,080 MMBtu in any one day and 43,200 MMBtu in any one calendar year. [District Rule 2201]
23. The quantity of aggregate processed shall not exceed 3,200 tons in any one day and 100,000 tons in any one calendar year. [District Rule 2201]
24. The quantity of reclaimed asphalt pavement (RAP) utilized shall not exceed 20% of total aggregate processed. [District Rule 2201]
25. Emission rates from asphaltic drum operation served by baghouse shall not exceed any of the following limits: NO_x (as NO₂) - 0.0094 lb/ton; VOC - 0.032 lb/ton; CO - 0.059 lb/ton; PM₁₀ - 0.023 lb/ton; or SO_x (as SO₂) - 0.0034 lb/ton. [District Rule 2201]
26. Emission rates from silo filling and offloading shall not exceed any of the following limits: VOC - 0.001635 lb/ton; CO - 0.00253 lb/ton; or PM₁₀ - 0.00011 lb/ton. [District Rule 2201]
27. Particulate emission rate from the granular feed handling operation shall not exceed 0.00368 lb PM₁₀/ton of aggregate. [District Rule 2201]
28. Particulate emission rate from the RAP handling operation shall not exceed 0.00284 lb PM₁₀/ton of aggregate. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

29. 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 equipment operating days of initial startup. An equipment operating day is any day in which the drum dryer/mixer is operated where material is introduced into the drum dryer/mixer or processed by the drum dryer/mixer, or where fuel is combusted in the drum dryer. [District Rule 4001 and 40 CFR §60.8(a)]
30. 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]
31. 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)]
32. 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)]
33. Source testing to measure NO_x and CO emissions from this unit shall be conducted within 60 equipment operating days of initial startup and at least once every 24 months thereafter. An equipment operating day is any day in which the drum dryer/mixer is operated where material is introduced into the drum dryer/mixer or processed by the drum dryer/mixer, or where fuel is combusted in the drum dryer. [District Rules 2201 & 4309]
34. 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]
35. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
36. 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 minded 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]
37. 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]
38. 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]
39. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309]
40. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309]
41. 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]
42. 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 condensible (back half) particulates). [District Rule 1081]
43. 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]
44. 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]

CONDITIONS CONTINUE ON NEXT PAGE

45. 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]
46. 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]
47. 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]
48. 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]
49. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201]
50. A daily log shall be maintained and shall include the following: (a). Total quantity of aggregate used (in tons); (b). Total quantity of reclaimed asphalt pavement (RAP) used (in tons); (c). Total quantity of asphaltic concrete produced (in tons); (d). Total quantity of fuel heat input to the rotary drum dryer/mixer (in MMBtu). The fuel heat input can be determined by multiplying the amount of natural gas fuel combusted (in scf) by a heating value of 1,000 Btu/scf. [District Rules 1070 & 2201]
51. The permittee shall maintain a record of the cumulative annual amount of asphaltic concrete produced (in tons). The cumulative total shall be updated at least monthly. [District Rules 1070 & 2201]
52. The permittee shall maintain a record of the cumulative annual fuel heat input to the rotary drum dryer/mixer. The cumulative total shall be updated at least monthly. The fuel heat input can be calculated by multiplying the amount of natural gas fuel combusted (in scf) by a heating value of 1,000 Btu/scf. [District Rules 1070 & 2201]
53. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201]
54. 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]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-7940-2-0

ISSUANCE DATE: 06/14/2010

LEGAL OWNER OR OPERATOR: GRANITE CONSTRUCTION COMPANY

MAILING ADDRESS: 2716 GRANITE COURT
FRESNO, CA 93706

LOCATION: 44999 ROAD 200
O'NEALS, CA 93645

EQUIPMENT DESCRIPTION:

ASPHALTIC CONCRETE SILOS AND UNDER-SILO TRUCK LOAD OUTS VENTILATED TO DRUM BURNER (LISTED ON C-7940-1) AND A PERMIT EXEMPT OIL HEATER (LPG FIRED, 2 MMBTU/HR OR LESS)

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. 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]
3. All haul roads and other roadways traversed by mobile equipment and/or motor vehicles shall be adequately moistened with water at such a frequency as required to prevent visible emissions equal to or in excess of 20% opacity from such roads. [District NSR Rule]
4. 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 NSR Rule]
5. Visible emissions from the blue smoke control unit shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201]
6. The quantity of asphaltic concrete transferred into the storage silos and loaded into trucks shall not exceed 3,200 tons in any one day and 100,000 tons in any one calendar year. [District Rule 2201]
7. CO emissions from the filling of the storage silos shall not exceed 0.00118 lb/ton of asphaltic concrete produced. [District Rule 2201]
8. VOC emissions from the filling of the storage silos shall not exceed 0.01219 lb/ton of asphaltic concrete produced. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services
C-7940-2-0 : Jun 14 2010 10:45AM - MASLOWST : Joint Inspection NOT Required

9. PM10 emissions from the filling of the storage silos shall not exceed 0.000586 lb/ton of asphaltic concrete produced. [District Rule 2201]
10. CO emissions from the truck loadout operation shall not exceed 0.001349 lb/ton of asphaltic concrete loaded. [District Rule 2201]
11. VOC emissions from the truck loadout operation shall not exceed 0.004159 lb/ton of asphaltic concrete loaded. [District Rule 2201]
12. PM10 emissions from the truck loadout operation shall not exceed 0.00052 lb/ton of asphalt concrete loaded. [District Rule 2201]
13. A daily log shall be maintained and shall include the following: (a). Total quantity of asphaltic concrete transferred into the storage silos (in tons); and (b). Total quantity of asphaltic concrete loaded into trucks (in tons). [District Rules 1070 & 2201]
14. The permittee shall maintain a record of the cumulative annual amount of asphaltic concrete transferred into the storage silos and loaded into trucks. The cumulative total shall be updated at least monthly. [District Rule 1070 & 2201]
15. 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]