

MAY - 8 2019

Ryan Niese
Granite Construction Co
P O Box 5127
Bakersfield, CA 93388

RE: Notice of Final Action - Authority to Construct
Facility Number: S-9380
Project Number: S-1151730

Dear Mr. Niese:

The Air Pollution Control Officer has issued the Authority to Construct permits to Granite Construction Co for the relocation of an asphalt paving mixtures facility, in Kern County. Enclosed are 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 the Authority to Construct permits was published on March 28, 2019. The District's analysis of the proposal was also sent to CARB on March 25, 2019. No comments were received following the 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.

Samir Sheikh
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

Mr. Ryan Niese
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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:har

Enclosures

cc: Brian Clerico, CARB (w/enclosure) via email



AUTHORITY TO CONSTRUCT

PERMIT NO: S-9380-1-0

ISSUANCE DATE: 05/02/2019

LEGAL OWNER OR OPERATOR: GRANITE CONSTRUCTION CO
MAILING ADDRESS: P O BOX 5127
BAKERSFIELD, CA 93388-5127

LOCATION: 12 MI S OF ARVIN (SEC 17, 20, 21, 29 T11N, R18W)
ARVIN, CA

EQUIPMENT DESCRIPTION:

HOT MIX ASPHALT DRUM MIX PLANT WITH A GENCORP MODEL 500 COUNTERFLOW ULTRADRUM WITH GENCO ULTRAFLAME MODEL II-150, 150 MMBTU/HOUR NATURAL GAS-/LPG-FIRED BURNER, WITH RECLAIMED ASPHALT PAVEMENT (RAP) CIRCUIT, GENCORP INDUSTRIES CYCLONE, AND MODEL CFS-210 BAGHOUSE, WITH BLUE SMOKE EMISSION CONTROL SYSTEM (CONSISTING OF FAN, DUSTEX MODEL 3630-1114 BAGHOUSE, INJECTION SEEDING SYSTEM, HOODS AND DUCTWORK) SERVING SILO TRUCK LOADOUT AREAS, WITH DRY LIME PLANT INCLUDING ONE 75 TON STORAGE SILO SERVED BY BAGHOUSE, PUGMILL, TWO CONVEYORS AND A LIME GUPPY BLOWER

CONDITIONS

1. Permit to Operate S-1612-1 shall be cancelled and the equipment it authorizes shall be taken out of service prior to or upon implementation of this Authority to Construct. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Operation shall include one four-compartment and one five-compartment aggregate storage bin with bottom feeders, up to 9 material handling conveyors, a RAP circuit consisting of two feeders, two bins, underbelt, 2-deck screen, and two conveyors. [District Rule 2201]
4. Visible emissions from baghouse serving cyclone and drum dryer/mixer, and all other sources shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201]
5. No air contaminant shall be discharged from dry lime plant into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is darker than Ringelmann 1/4 or 5% opacity. [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.

Samir Sheikh, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

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6. The asphalt silo truck loadout area shall be served by a blue smoke emission control system such that visible emissions from this area shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201]
7. Burner blue smoke ventilation system shall vent to secondary air intake of drum dryer/mixer. [District Rule 2201]
8. Covered hot asphaltic concrete conveyors, silos, and loadout chute shall be vented through 1,300 cfm in-line fan to secondary air intake of Genco burner. [District Rule 2201]
9. Drum-dryer/mixer shall vent only to cyclone. [District Rule 2201]
10. Exhaust from cyclone shall vent only to the baghouse. [District Rule 2201]
11. The baghouse and dust collector listed on this permit shall be equipped with an operational pressure differential gauge, mounted in an accessible location, which indicates the pressure drop across the bags. [District Rule 2201]
12. The differential pressure gauge reading range shall be established per manufacturer's recommendation at time of start up inspection. [District Rule 2201]
13. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201]
14. Exhaust fan damper shall be set to maintain a negative pressure at the drum dryer/mixer seal(s). [District Rule 2201]
15. Drum dryer/mixer shall be equipped with product temperature indicator. [District Rule 2201]
16. Drum dryer/mixer product shall not exceed 350 degrees F. [District Rule 2201]
17. The total combined process rate from the hot mix asphalt drum mix plant (from the RAP circuit and the virgin feed circuit) shall not exceed 8,000 tons of material in any one day nor 2,440,000 tons of material in any calendar year. [District Rule 2201]
18. Exhaust stack shall be equipped with adequate provisions for the collection of exhaust gas samples consistent with EPA test methods. [District Rule 1081]
19. Burner shall be equipped with fuel flow meter/recorder, and burner shall not consume more than 1,075.7 MMBtu in any one day nor 328 billion Btu in any one calendar year total fuel. [District Rule 2201]
20. PM10 emissions rates from each of the following sources shall not exceed any of the following: Truck Unloading - 0.000016 lb-PM10 per ton of material processed; Conveyor Transfer - 0.000046 lb-PM10 per ton of material processed; Lime Silo Filing - 0.00034 lb-PM10 per ton of material processed; Grizzly Feeder - 0.000016 lb-PM10 per ton of material processed; Transfer to Lime Pugmill - 0.000046 lb-PM10 per ton of material processed . [District Rule 2201]
21. Particulate matter concentration in exhaust gas from the baghouse shall not exceed 0.04 grains/dscf. [District Rule 4001]
22. The dryer burner shall only be fueled on PUC-quality natural gas or commercial-grade LPG/propane. [District Rules 2201 and 4309]
23. Emissions rates from the drum dryer/mixer shall not exceed any of the following limits: 4.3 ppmvd-NOx @ 19% O2 (equivalent to 0.0484 lb-NOx/MMBtu), 0.00285 lb-SOx/MMBtu, 42 ppmvd-CO @ 19% O2 (equivalent to 0.288 lb-CO/MMBtu), or 0.006 lb-VOC/MMBtu. If measured O2 concentration is greater than 19%, the corrected NOx and CO concentration is equal to the measured NOx or CO concentration. [District Rules 2201 and 4309]
24. The amount of hot mix asphaltic concrete transferred into the storage silos or loaded into trucks shall not exceed 8,000 tons in any one day nor 2,440,000 tons in any one calendar year. [District Rule 2201]
25. Emissions from the silo filling of the produced asphaltic concrete shall not exceed any of the following limits: 0.041 lb-PM10/1,000 ton-asphaltic concrete, 2.52 lb-CO/1,000 ton-asphaltic concrete, or 0.390 lb-VOC/1,000 ton-asphaltic concrete transferred. [District Rule 2201]
26. Emissions from the truck loading of the produced asphaltic concrete shall not exceed any of the following limits: 0.041 lb-PM10/1,000 ton-asphaltic concrete, 2.21 lb-CO/1,000 ton-asphaltic concrete, or 1.14 lb-VOC/1,000 ton-asphaltic concrete transferred. [District Rule 2201]

27. Total process weight of dry lime from dry lime plant shall not exceed 63.2 tons in any one day nor 19,276 tons in any one calendar year. [District Rule 2201]
28. Total process weight of aggregate from dry lime plant shall not exceed 6,320 tons in any one day nor 1,927,600 tons in any one calendar year. [District Rule 2201]
29. Source testing to measure NO_x and CO emissions from this unit shall be conducted within 60 days of startup at the new location at least once every 24 months. [District Rule 2201 and 4309]
30. 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 Rules 1081 and 4309]
31. Source testing to measure NO_x and CO emissions from the asphalt/concrete 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]
32. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rules 1081 and 4309]
33. 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]
34. 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]
35. 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]
36. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309]
37. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309]
38. 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]
39. The asphalt batch plant 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]
40. 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]

41. 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]
42. 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]
43. The baghouses and dust collectors associated with this permit shall be maintained and operated according to manufacturer's specifications. [District Rule 2201]
44. The baghouses and dust collector cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]
45. Material removed from the baghouses and dust collectors shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]
46. A spare set of bags for each baghouse and dust collector associated with this permit shall be maintained on the premises at all times. [District Rule 2201]
47. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises [District Rule 2201]
48. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained [District Rule 2201]
49. Permittee shall maintain daily records of drum dryer/mix product temperature. [District Rule 2201]
50. Permittee shall maintain daily and annual records of the following: quantity and type of material (RAP or virgin material) processed by hot mix asphalt drum mix plant, quantity of dry lime and aggregate processed by dry lime plant, quantity of fuel consumed by dryer (in Btu). [District Rule 2201]
51. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 2201]



AUTHORITY TO CONSTRUCT

PERMIT NO: S-9380-2-0

ISSUANCE DATE: 05/02/2019

LEGAL OWNER OR OPERATOR: GRANITE CONSTRUCTION CO
MAILING ADDRESS: P O BOX 5127
BAKERSFIELD, CA 93388-5127

LOCATION: 12 MI S OF ARVIN (SEC 17, 20, 21, 29 T11N, R18W)
ARVIN, CA

EQUIPMENT DESCRIPTION:

AGGREGATE CRUSHING AND SCREENING OPERATION INCLUDING VIBRATING JAW FEEDER, JAW CRUSHER WITH WATER SPRAYS, TWO 54" CONE CRUSHERS WITH WATER SPRAYS, 4-1/4 FT CONE CRUSHER WITH WATER SPRAYS, THREE SYNTRON FEEDERS, UP TO THREE FEEDER BINS, UP TO FORTY TWO CONVEYORS, HYDRAULIC HAMMER WITH BOOM, 6' X 20'-3 DECK SCREEN, 6' X 20'-2 DECK SCREEN, 7' X 20'-3 DECK SCREEN, 8' X 20'-3 DECK SCREEN, 6' X 12'-1 DECK SHAKER SCREEN AND PERMIT EXEMPT WET PROCESSING OPERATION INCLUDING ONE 6' X 12 '-2 DECK SCREEN, ONE TWIN 36" SAND SCREW AND THREE STACKER CONVEYORS

CONDITIONS

1. Permit to Operate S-1612-3 shall be cancelled and the equipment it authorizes shall be taken out of service prior to or upon implementation of this Authority to Construct. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. This unit shall only be used to crush rocks. [District Rule 2201]
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 darker than Ringelmann 1/4 or 5% opacity from any emission point in this permit. [District Rule 2201, 4001 and 4101]
5. PM10 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. Specific emission points shall be controlled by additional controls as specified in this permit. [District Rule 2201]
6. Moisture content of material being processed shall be at least 1.5% by weight. Additional controls shall be applied to specific emission points as specifically required by separate conditions in this permit. [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.

Samir Sheikh, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

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7. PM10 emissions rates from each of the following sources (except for those operations that are subject to additional controls as specified in this permit in the conditions below) shall not exceed any of the following: Truck Unloading - 0.000016 lb-PM10 per ton of material processed; Crushers - 0.00054 lb-PM10 per ton of material processed. [District Rule 2201]
8. PM10 emissions from the following emission points shall be controlled by Wet Suppression and Chemical Dust Suppression: Conveyor Transfer to Surge Stacker (PB-1), Surge Stacker Transfer to Main Surge Pile (SS-1), CL II Base Collector Belt to CI II Base Carry Belt (C-9), Recirculation Belt from Secondary Screen to Cone (C-4), Stackers (3/4", 3/8", 1/2", Rock Dust, 1 1/2", 1") (PC-3 through PC-6, PC-8, and PC-9), Base Stacker. The PM10 emission rate for equipment subject to these controls shall not exceed the following: Conveyor Transfer: 0.00033 lb-PM10/ton of material processed. [District Rule 2201]
9. PM10 emissions from the following emission points shall be controlled by Wet Suppression, Fogging System, and Partial Enclosures at Transfer Points: Waste and Sand Stacker (PC-11). The PM10 emission rate for equipment subject to these controls shall not exceed the following: Conveyor Transfer: 0.00022 lb-PM10/ton of material processed. [District Rule 2201]
10. PM10 emissions from the following equipment shall be controlled by Wet Suppression, Fogging System, Partial Enclosures at Transfer Points, and Chemical Dust Suppression: TRANSFER POINTS: Conveyors PB-2, and PB-3, Tunnel Belts (TB-1 and TB-2), Primary Screen to Cone Belt (C-1), Cone Collector Belt (C-2), Primary Screens Sand Collector Belt to Sand to Base Belt Via Tri-verter (C-11), Primary Screen to Secondary Cone Belt (C-17), Primary Screen to Wash Plant Carry Belt (C-18), Primary Screen Coarse Material Collector Belt (C-22), Primary Screen Sand Collector Belt to Wash (C-26), Secondary Screen Feed Belt (C-3), Finish Screen to CL II Carry Belt (C-5), Secondary Screens Bottom Deck Collector Belt to Bottom Deck to Finish Screen Route Belt Via Diverter (C-7), Trip Belts (TR-1 through TR-7), Primary Screens Bottom Deck Collector Belt to Wash Plant 1x4 Surge Feed Belt Via Diverter (C-10), Primary Screens Sand Collector Belt to Sand Stacker Via Tri-verter (C-20), CI II Base Carry Belt to CI II Base Stacker Belt (C-8); SCREENS: Primary Screen (SC-1), Finish Screen 1 and 2 (SC-2 and SC-3); CRUSHERS: Cone Crusher 2 and 3 (RC-2 and RC-3). The PM10 emission rate for equipment subject to these controls shall not exceed the following: Conveyor Transfer: 0.000011 lb-PM10/ton of material processed; Screens: 0.000087 lb-PM10/ton of material processed; Crushers: 0.000024 lb-PM10/ton of material processed. [District Rule 2201]
11. The following processes shall be wet processes (greater than 6% moisture content by weight) and shall not result in emissions or visible emissions: Finish Screen #4 (SC-4), Cone Crusher #4 (RC-4), Wash Screen to Wash Cone Belt (C-12), Wash Cone to CL II Collector Belt (C-13), Wash Cone Recirculation Belt (C-14), Wash Screen Bypass to Wash Cone (C-16), 1" x #4 Stacker (PC-1), Washed Sand Stacker (PC-2), 3/8" Washed Stacker (PC-7). [District Rule 2201]
12. Crushers shall be shrouded at bases. [District Rule 2201]
13. Total material processed by this permit unit shall not exceed 18,000 tons in any one day nor 5,490,000 tons in any calendar year. [District Rule 2201]
14. PM10 emissions from this permit unit shall not exceed 8.2 lb-PM10 in any one day nor 2,491 lb-PM in any calendar year. [District Rule 2201]
15. Equipment required to be controlled by Chemical Suppression shall be controlled as described in this condition. The permittee shall adhere to chemical dust suppressant's manufacturer specifications for achieving 90% control efficiency solely from the chemical dust suppressant for all the emission points required to be controlled by chemical suppression. The permittee shall receive confirmation that the chemical suppression is achieving the required control efficiency for all emission points required to be controlled. The permittee shall maintain onsite the manufacturer's specification for achieving the required control efficiency solely from the chemical dust suppressant. The permittee shall maintain records demonstrating compliance with the manufacturer's specifications. [District Rule 2201]
16. Equipment required to be controlled by Fogging Systems (also known as high pressure sprays, dry fog, and water atomizers) shall consist of a fogging system that is designed to apply a fog of fine, or atomized, water particles around an emission point targeting the particle rather the surface of the material. [District Rule 2201]

17. Equipment required to be controlled by Partial Enclosures shall be enclosed as described in this condition. Each screen that is required to be partially enclosed shall be fully enclosed on all sides except at the discharge opening, and each screen shall be equipped with a dust curtain composed of rubber skirt boards which create a seal between the discharge chute and the conveyor belt. Each crusher that is required to be partially enclosed shall consist of a crusher box with sufficient volume to allow the settling of the dust with assistance from Fogging System before it exits through the opening to the conveyor, and the crusher box and conveyor shall have skirt board rubber seals. Each conveyor drop point that is required to be partially enclosed shall be enclosed by a 3-sided chute. [District Rule 2201]
18. Moisture content of material being processed shall be measured when requested by the District and at least once a month for any month this permit unit is in operation. [District Rule 2201]
19. The percent moisture shall be determined by a California Department of Transportation approved moisture content test method or by weighing an approximately 2-lb sample of material being processed from any point of the operation, bringing the sample to dryness in a drying oven, then weighing the dried sample. The weight difference divided by the initial weigh of the sample, all multiplied by 100% is the moisture content (% moisture = ((initial weight - dry weight)/initial weight) x 100%). [District Rule 2201]
20. Visible emissions from the following sources shall not exceed any of the following opacities: feeders, screens, conveyors - 5% opacity; crushers - 5% opacity; stockpiles - 5% opacity. Compliance with the opacity standards shall be determined in accordance with Title 40, Code of Federal Regulations, Part 60, Subpart OOO (Standards of Performance for Nonmetallic Mineral Processing Plants). [District Rule 4001 and 40 CFR §60.672(b)]
21. An initial performance test at the new location according 40 CFR 60.11 and 40 CFR 60.675 to demonstrate compliance with the opacity limits shall be conducted within 60 days after achieving the maximum production rate at which the facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. [40 CFR §60.670(f) & §60.11 and District Rule 4001]
22. The District shall be notified at least 30 days prior to each performance test to demonstrate compliance with opacity limits. [District Rule 4001]
23. The results of each performance test to demonstrate compliance with opacity limits shall be submitted to the District within 60 days following completion of the test. [District Rule 4001]
24. The permittee shall perform an initial startup inspection and monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. [40 CFR §60.674(b) and District Rule 4001]
25. Upstream wet suppression spray nozzles required for controlling opacity of visible emissions pursuant to 40 CFR 60, Subpart OOO shall be identified at the time of the initial performance test. [District Rule 4001]
26. Demonstration of the visible emissions opacity limits shall be determined using EPA Method 9 and the procedures listed in §60.11, with the additional requirements specified in §60.675(c)(1)(i) through §60.675(c)(1)(iii). The duration of the Method 9 observations must be based on the average of the five 6-minute averages. [40 CFR §60.675(c)(1) and (c)(3) and 40 CFR §60.11, and District Rule 4001]
27. The permittee shall maintain a logbook that contains the following information: 1) dates of water spray nozzles inspections, 2) finding, 3) dates and any corrective actions taken, and 4) inspector name and signature. The logbook must be kept onsite and the permittee shall make hard or electronic copies (whichever is requested) of the logbook available to the Administrator or the District inspection upon request. [40 CFR §60.676(b) and District Rule 4001]
28. The permittee shall submit written reports of initial demonstration of visible emission opacity compliance made using the methods and procedures listed in 40 CFR §60.675(c)(1) and §60.675(c)(3) to the District within 60 days after the completion of initial opacity tests. [40 CFR §60.676(f), District Rules 1070 & 4001]
29. Records of daily and annual amounts of material (in ton) processed shall be maintained, retained on-site for a period of at least five (5) years and made available for District inspection upon request. [District Rules 1070 and 2201]
30. Records of monthly moisture content of material processed shall be maintained, retained on-site for a period of at least five (5) years and made available for District inspection upon. [District Rules 1070 and 2201]

31. 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]
32. All outdoor chutes and conveyors shall be controlled by any of the following options: 1) full enclosure, 2) operation with water spray equipment that sufficiently wets materials to limit VDE to 20% opacity, or 3) the concentration of particles having an aerodynamic diameter of 10 microns or less in the conveyed material shall be sufficiently small to limit VDE to 20% opacity. [District Rules 8011 and 8031]
33. Whenever any portion of the site becomes inactive, permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in Section 3.58 of District Rule 8011. [District Rules 8011 and 8071]
34. Records and other supporting documentation shall be maintained as required to demonstrate compliance with the requirements of the rules under Regulation VIII only for those days that a control measure was implemented. Such records shall include the type of control measure(s) used, the location and extent of coverage, and the date, amount, and frequency of application of dust suppressant, manufacturer's dust suppressant product information sheet that identifies the name of the dust suppressant and application instructions. Records shall be kept for one year following project completion that results in the termination of all dust generating activities. [District Rules 8011, 8031, and 8071]



AUTHORITY TO CONSTRUCT

PERMIT NO: S-9380-3-0

ISSUANCE DATE: 05/02/2019

LEGAL OWNER OR OPERATOR: GRANITE CONSTRUCTION CO
MAILING ADDRESS: P O BOX 5127
BAKERSFIELD, CA 93388-5127

LOCATION: 12 MI S OF ARVIN (SEC 17, 20, 21, 29 T11N, R18W)
ARVIN, CA

EQUIPMENT DESCRIPTION:
RECYCLED ASPHALT PAVEMENT (RAP) CRUSHING PLANT CONSISTING OF FEEDER, EL-JAY CONE CRUSHER, 6 CONVEYORS, 6' X 20' EL-JAY SCREEN AND TWO STACKERS

CONDITIONS

1. Permit to Operate S-1612-6 shall be cancelled and the equipment it authorizes shall be taken out of service prior to or upon implementation of this Authority to Construct. [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. Visible emissions from the following sources shall not exceed any of the following opacities: RAP screen - 5% opacity; feeders, screens (except RAP screen), conveyors - 7% opacity; crushers - 12% opacity; stockpiles - 5% opacity. Compliance with the opacity standards shall be determined in accordance with Title 40, Code of Federal Regulations, Part 60, Subpart OOO (Standards of Performance for Nonmetallic Mineral Processing Plants). [District Rules 2201 and 4001 and 40 CFR §60.672(b)]
5. An initial performance test at the new location according 40 CFR 60.11 and 40 CFR 60.675 to demonstrate compliance with the opacity limits shall be conducted within 60 days after achieving the maximum production rate at which the facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. [40 CFR §60.670(f) & §60.11 and District Rule 4001]
6. The District shall be notified at least 30 days prior to each performance test to demonstrate compliance with opacity limits. [District Rule 4001]

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.

Samir Sheikh, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

S-9380-3-0 May 2 2019 2:14PM - RAMIREZH : Joint Inspection NOT Required

7. The results of each performance test to demonstrate compliance with opacity limits shall be submitted to the District within 60 days following completion of the test. [District Rule 4001]
8. The permittee shall perform an initial startup inspection and monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. [40 CFR §60.674(b) and District Rule 4001]
9. Upstream wet suppression spray nozzles required for controlling opacity of visible emissions pursuant to 40 CFR 60, Subpart OOO shall be identified at the time of the initial performance test. [District Rule 4001]
10. Demonstration of the visible emissions opacity limits shall be determined using EPA Method 9 and the procedures listed in §60.11, with the additional requirements specified in §60.675(c)(1)(i) through §60.675(c)(1)(iii). The duration of the Method 9 observations must be based on the average of the five 6-minute averages. [40 CFR §60.675(c)(1) and (c)(3) and 40 CFR §60.11, and District Rule 4001]
11. The permittee shall maintain a logbook that contains the following information: 1) dates of water spray nozzles inspections, 2) finding, 3) dates and any corrective actions taken, and 4) inspector name and signature. The logbook must be kept onsite and the permittee shall make hard or electronic copies (whichever is requested) of the logbook available to the Administrator or the District inspection upon request. [40 CFR §60.676(b) and District Rule 4001]
12. The permittee shall submit written reports of initial demonstration of visible emission opacity compliance made using the methods and procedures listed in 40 CFR §60.675(c)(1) and §60.675(c)(3) to the District within 60 days after the completion of initial opacity tests. [40 CFR §60.676(f), District Rules 1070 & 4001]
13. The RAP Screen shall be controlled by additional controls consisting of a Wet Suppression, Fogging System, and Partial Enclosures. [District Rule 2201]
14. Equipment required to be controlled by Fogging Systems (also known as high pressure sprays, dry fog, and water atomizers) shall consist of a fogging system that is designed to apply a fog of fine, or atomized, water particles around an emission point targeting the particle rather the surface of the material. [District Rule 2201]
15. Equipment required to be controlled by Partial Enclosures shall be enclosed as described in this condition. Each screen that is required to be partially enclosed shall be fully enclosed on all sides except at the discharge opening, where each screen shall be equipped with a dust curtain composed of rubber skirt boards which create a seal between the discharge chute and the conveyor belt. Each crusher that is required to be partially enclosed shall consist of a crusher box with sufficient volume to allow the settling of the dust with assistance from Fogging System before it exits through the opening to the conveyor, and the crusher box and conveyor shall have skirt board rubber seals. Each conveyor drop point that is required to be partially enclosed shall be enclosed by a 3-sided chute. [District Rule 2201]
16. Spray nozzles shall be installed and operated by equipment listed on this permit as needed to maintain compliance with the opacity limits listed on this permit. [District Rule 2201]
17. The feeder's maximum throughput shall not exceed 4,800 tons in any one day nor 1,464,000 tons in any calendar year. [District Rule 2201]
18. The crusher's maximum throughput shall not exceed 2,400 tons in any one day nor 732,000 tons in any calendar year. [District Rule 2201]
19. PM10 emissions rates from each of the following sources shall not exceed any of the following: RAP screen - 0.00017 lb-PM10 per ton of material processed; Truck Unloading - 0.000016 lb-PM10 per ton of material processed; Conveyor Transfer - 0.00046 lb-PM10 per ton of material processed; Crushers - 0.000054 lb-PM10 per ton of material processed . [District Rule 2201]
20. Records of daily and annual sand, aggregate and RAP throughput shall be maintained. [District Rules 1070 and 2201]
21. 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]

22. Records and other supporting documentation shall be maintained as required to demonstrate compliance with the requirements of the rules under Regulation VIII only for those days that a control measure was implemented. Such records shall include the type of control measure(s) used, the location and extent of coverage, and the date, amount, and frequency of application of dust suppressant, manufacturer's dust suppressant product information sheet that identifies the name of the dust suppressant and application instructions. Records shall be kept for one year following project completion that results in the termination of all dust generating activities. [District Rules 8011, 8031, and 8071]



AUTHORITY TO CONSTRUCT

PERMIT NO: S-9380-4-0

ISSUANCE DATE: 05/02/2019

LEGAL OWNER OR OPERATOR: GRANITE CONSTRUCTION CO
MAILING ADDRESS: P O BOX 5127
BAKERSFIELD, CA 93388-5127

LOCATION: 12 MI S OF ARVIN (SEC 17, 20, 21, 29 T11N, R18W)
ARVIN, CA

EQUIPMENT DESCRIPTION:

PORTABLE CRUMB RUBBER BLENDING OPERATION - CONSISTING OF MIXING UNIT EQUIPPED WITH PERMIT EXEMPT HEATER S-6904-PEER-1, TWO RUBBER HOPPERS, ONE ROTARY VANE FEEDER, ONE HIGH SHEAR MIXER, ONE INCLINE SCREW CONVEYOR, 1,500 GALLON MIXING TANK WITH CEI ELECTROSTATIC PRECIPITATOR, HEATER BLOWER, HOT OIL HEATER CIRCULATING PUMP, AND AIR COMPRESSOR; ONE 24,000 GALLON REACTION HOLDING TANK, ONE 22,500 GALLON SPLIT OIL TANK, ONE 2,000 GALLON EXTENDER OIL TANK, ONE AUGER MIXING MOTOR AND ONE AGITATOR MIXING MOTOR; ONE EXTENDER OIL PUMP, SERVED BY CEI 32-TUBE BLUE SMOKE CONDENSER UNIT

CONDITIONS

1. Permit to Operate S-1612-9 shall be cancelled and the equipment it authorizes shall be taken out of service prior to or upon implementation of this Authority to Construct. [District Rule 2201]
2. ATC S-1612-9-3 shall be implemented prior to or concurrently with this ATC. [District Rule 2201]
3. The equipment and operations authorized by this ATC shall be taken out of service at the Highway 223 site prior to commencing operation at the Solari location. [District Rule 2201]
4. Units S-9380-4 and -5 shall not operate simultaneously at facility S-9380. [District Rule 2201]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. 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]
7. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

8. 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]
9. This unit shall not operate outside the boundaries of Facility S-1612. [District Rule 4102]
10. The extender oil tank's throughput shall not exceed either of the following limits: 2,000 gallon per day or 168,000 gallon per year. [District Rule 2201]
11. The mixing and reaction tanks throughput shall not exceed either of the following limits: 65,000 gallon per day or 5,460,000 gallon per year. [District Rule 2201]
12. VOC emission rate from the mixing tank shall not exceed 0.3 lb/day. [District Rule 2201]
13. VOC emission rate from the reaction tank shall not exceed 0.2 lb/day. [District Rule 2201]
14. This portable crumb rubber plant shall be operated at one location for no more than 6 consecutive months and shall meet all the requirements for a temporary tank, per Rule 4623. [District Rules 2201 and 4623, 4.2.2]
15. The permittee shall maintain records of each location where the portable crumb rubber blending operation operates, including dates and duration of residency at each location, and shall update those records each time the crumb rubber blending operation is moved. [District Rules 2201 and 4623]
16. Permittee shall maintain records on a daily basis of extender oil tank throughput (in gallons), daily reaction tank throughput (in gallons), temporary tank capacity and duration of time that the temporary tank is used. [District Rules 1070, 2201 and 4623]
17. Tanks shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623]
18. Permittee shall maintain documentation of the true vapor pressure (TVP) of the organic liquids stored in the tanks and shall obtain new documentation whenever there is a change in the source or type of liquid stored in the tank tank in order to maintain exemption from the rule. [District Rule 4623]
19. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4307 and 4623]



AUTHORITY TO CONSTRUCT

PERMIT NO: S-9380-5-0

ISSUANCE DATE: 05/02/2019

LEGAL OWNER OR OPERATOR: GRANITE CONSTRUCTION CO
MAILING ADDRESS: P O BOX 5127
BAKERSFIELD, CA 93388-5127

LOCATION: 12 MI S OF ARVIN (SEC 17, 20, 21, 29 T11N, R18W)
ARVIN, CA

EQUIPMENT DESCRIPTION:

PORTABLE CRUMB RUBBER BLENDING OPERATION - PLANT #3 CONSISTING OF MIXING UNIT EQUIPPED WITH 5.2 MMBTU/HR POWERFLAME MODEL NOVA PLUS 2 NATURAL GAS/LPG-FIRED PROCESS HEATER, ONE (1) RECEIVING HOPPER, ONE (1) ROTARY VANE FEEDER, ONE (1) HIGH SHEAR MIXER, ONE (1) INCLINE SCREW CONVEYOR, 500 GALLON MIXING TANK WITH TRANSFER PUMP, HEATER BLOWER, HOT OIL HEATER CIRCULATING PUMP, AND AIR COMPRESSOR; TWO (2) 30,000 GALLON DUAL COMPARTMENT TANKS (THREE (3) 15,000 GALLON REACTION COMPARTMENTS AND ONE (1) 15,000 GALLON EXTENDER OIL COMPARTMENT) WITH ONE (1) AUGER MIXING MOTOR AND ONE (1) AGITATOR MIXING MOTOR; EXTENDER OIL PUMP AND PLANT SUPPLY PUMP SERVED BY 30 TUBE BLUE SMOKE CONDENSER UNIT MODEL CTAV300E8; VIRGIN OIL DELIVERY PUMP

CONDITIONS

1. Permit to Operate S-1612-10 shall be cancelled and the equipment it authorizes shall be taken out of service prior to or upon implementation of this Authority to Construct. [District Rule 2201]
2. Units S-9380-4 and -5 shall not operate simultaneously at facility S-9380. [District Rule 2201]
3. While dormant, the fuel line shall be physically disconnected from the unit. [District Rule 2080]
4. Permittee shall submit written notification to the District upon designating the unit as dormant or active. [District Rule 2080]
5. While dormant, normal source testing shall not be required. [District Rule 2080]
6. Upon recommencing operation of this unit, normal source testing shall resume. [District Rule 2080]
7. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080]

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

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8. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070]
9. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
10. 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]
11. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
12. 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]
13. This unit is only authorized within the boundaries of facility S-9380. [District Rule 4102]
14. The heater shall be equipped with a non-resettable fuel flow meter/recorder. [District Rule 2201]
15. The unit shall only be fired on PUC-quality natural gas or LPG/propane. [District Rule 2201]
16. The annual heat input shall not exceed 10,483 MMBtu/year. [District Rule 2201]
17. When fired on natural gas, emission rates shall not exceed any of the following limits: 9 ppmvd NO_x @ 3% O₂ or 0.011 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 42 ppmvd CO @ 3% O₂ or 0.0303 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306 and 4320]
18. When fired on LPG, emission rates shall not exceed any of the following limits: 9 ppmvd NO_x @ 3% O₂ or 0.011 lb-NO_x/MMBtu, 0.016 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 50 ppmvd CO @ 3% O₂ or 0.0370 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306 and 4320]
19. The extender oil tank's throughput shall not exceed either of the following limits: 2,000 gallon per day or 168,000 gallon per year. [District Rule 2201]
20. The mixing and reaction tanks throughput shall not exceed either of the following limits: 65,000 gallon per day or 5,460,000 gallon per year. [District Rule 2201]
21. VOC emission rate from the mixing tank shall not exceed 0.3 lb/day nor 25.2 lb/yr. [District Rule 2201]
22. VOC emission rate from the reaction tank shall not exceed 0.2 lb/day nor 16.8 lb/yr. [District Rule 2201]
23. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320]
24. Fuel gas sulfur content shall not exceed 5 gr S/100 scf. [District Rules 2201 and 4320]
25. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (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 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 4306, and 4320]
26. If either the NO_x or CO concentrations corrected to 3% 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 Rules 4305, 4306, and 4320]

27. 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 Rules 4305, 4306, and 4320]
28. 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 3% 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 Rules 4305, 4306, and 4320]
29. 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]
30. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
31. Source testing to measure NO_x and CO emissions from this unit shall be conducted upon startup at new location and at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305, 4306 and 4320]
32. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320]
33. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
34. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
35. Fuel sulfur content shall be determined using EPA Method 11 or Method 15. [District Rule 4320]
36. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320]
37. 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 4320. [District Rules 4305, 4306, and 4320]
38. 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 Rules 4305, 4306, and 4320]
39. This portable crumb rubber plant shall be operated at one location for no more than 6 consecutive months and shall meet all the requirements for a temporary tank, per Rule 4623. [District Rules 2201 and 4623, 4.2.2]
40. The permittee shall maintain records of each location where the portable crumb rubber blending operation operates, including dates and duration of residency at each location, and shall update those records each time the crumb rubber blending operation is moved. [District Rules 2201 and 4623]
41. The permittee shall maintain on an annual basis the heat input (in MMBtu) and quantity of natural gas combusted (in cubic feet) and LPG/propane (in gallons) for the process heater at each site it operates. [District Rules 2201 and 4320]
42. Records of daily and annual backup fuel consumption consisting of the date the process heater operated on LPG/propane as backup fuel and the amount of time the process heater was operated, in hours, on LPG/propane as backup fuel shall be maintained. [District Rules 2201, 4306 and 4320]

43. Permittee shall maintain records on a daily basis of extender oil tank throughput (in gallons), daily reaction tank throughput (in gallons), temporary tank capacity and duration of time that the temporary tank is used. [District Rules 1070, 2201 and 4623]
44. Tanks shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623]
45. Permittee shall maintain documentation of the true vapor pressure (TVP) of the organic liquids stored in the tanks and shall obtain new documentation whenever there is a change in the source or type of liquid stored in the tank tank in order to maintain exemption from the rule. [District Rule 4623]
46. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306, 4320 and 4623]



AUTHORITY TO CONSTRUCT

PERMIT NO: S-9380-6-0

ISSUANCE DATE: 05/02/2019

LEGAL OWNER OR OPERATOR: GRANITE CONSTRUCTION CO
MAILING ADDRESS: P O BOX 5127
BAKERSFIELD, CA 93388-5127

LOCATION: 12 MI S OF ARVIN (SEC 17, 20, 21, 29 T11N, R18W)
ARVIN, CA

EQUIPMENT DESCRIPTION:
SAND AND AGGREGATE STORAGE AND TRUCK LOADING OPERATION

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The total amount of materials loaded out shall not exceed 20,000 tons in any one day nor 2,500,000 tons in any calendar year. [District Rule 2201]
3. Emissions from truck loading operation shall not exceed 0.000016 lb-PM10/ton of material handled. [District Rule 2201]
4. Visible emissions from truck unloading operation shall be less than 5% opacity for a period or periods aggregating more than 3 minutes in any one hour. [District Rule 2201]
5. The total area of sand and aggregate storage piles, excluding emission-exempt stockpiles described below, shall not exceed 1.5 acres. [District Rule 2201]
6. Stockpiles for 3/8" and larger concrete or mineral aggregates shall be clearly designated and used only for the storage of aggregate that has been thoroughly washed as necessary to remove silt. Washing shall be sufficient to reduce silt content to 1% by mass or less. Such stockpiles shall be considered "emission exempt". [District Rule 2201]
7. Emissions from the storage of sand and aggregate shall not exceed 0.527 lb-PM10/acre/day. [District Rule 2201]
8. Moisture content of the stockpiled material, after application of wet suppression control, shall be 3.0% by weight or greater. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO


Arnaud Marjollet, Director of Permit Services

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9. All stockpiled materials shall be maintained adequately moist to prevent visible emissions in excess of 5% opacity for a period or periods aggregating more than 3 minutes in any one hour. [District Rule 2201]
10. Moisture content of stockpiled material shall be measured on a monthly basis and when requested by the District. [District Rule 2201]
11. The percent moisture shall be determined by a California Department of Transportation approved moisture content test method or by weighing an approximately 2-lb sample of material being processed from any point of the operation, bringing the sample to dryness in a drying oven, then weighing the dried sample. The weight difference divided by the initial weight of the sample, all multiplied by 100% is the moisture content ($\% \text{ moisture} = ((\text{initial weight} - \text{dry weight}) / \text{initial weight}) \times 100\%$). [District Rule 2201]
12. Permittee shall maintain records of daily and annual total amount of material loaded out, and monthly records of area of materials stockpiled. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070]
13. When handling bulk materials outside an enclosed structure or building, water or chemical/organic stabilizers/suppressants shall be applied as required to limit Visible Dust Emissions to a maximum of 20% opacity. When necessary to achieve this opacity limitation, wind barriers with less than 50% porosity shall also be used. [District Rules 8011 and 8031]
14. When storing bulk materials outside an enclosed structure or building, water or chemical/organic stabilizers/suppressants shall be applied as required to limit Visible Dust Emissions to a maximum of 20% opacity. When necessary to achieve this opacity limitation, all bulk material piles shall also be either maintained with a stabilized surface as defined in Section 3.58 of District Rule 8011, or shall be protected with suitable covers or barriers as prescribed in Table 8031-1, Section B, of District Rule 8031. [District Rules 8011 and 8031]
15. When transporting bulk materials outside an enclosed structure or building, all bulk material transport vehicles shall limit Visible Dust Emissions to 20% opacity by either limiting vehicular speed, maintaining sufficient freeboard on the load, applying water to the top of the load, or covering the load with a tarp or other suitable cover. [District Rules 8011 and 8031]
16. All outdoor chutes and conveyors shall be controlled by any of the following options: 1) full enclosure, 2) operation with water spray equipment that sufficiently wets materials to limit VDE to 20% opacity, or 3) the concentration of particles having an aerodynamic diameter of 10 microns or less in the conveyed material shall be sufficiently small to limit VDE to 20% opacity. [District Rules 8011 and 8031]
17. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/04) or Rule 8011(8/19/04). [District Rules 8011 and 8041]
18. Where dusting materials are allowed to accumulate on paved surfaces, the accumulation shall be removed daily or water and/or chemical/organic dust stabilizers/suppressants shall be applied to the paved surface as required to maintain continuous compliance with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011 and limit Visible Dust Emissions (VDE) to 20% opacity. [District Rules 8011 and 8071]
19. On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with 3 axles or more will occur on an unpaved vehicle/equipment traffic area, permittee shall apply water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011. [District Rules 8011 and 8071]
20. Whenever any portion of the site becomes inactive, permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in Section 3.58 of District Rule 8011. [District Rules 8011 and 8071]

21. Records and other supporting documentation shall be maintained as required to demonstrate compliance with the requirements of the rules under Regulation VIII only for those days that a control measure was implemented. Such records shall include the type of control measure(s) used, the location and extent of coverage, and the date, amount, and frequency of application of dust suppressant, manufacturer's dust suppressant product information sheet that identifies the name of the dust suppressant and application instructions. Records shall be kept for one year following project completion that results in the termination of all dust generating activities. [District Rules 8011, 8031, and 8071]