



AUG 31 2015

Clint Cooper
Covanta Delano Inc.
P O Box 550
Delano, CA 93216

Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # S-75
Project # 1151501

Dear Mr. Cooper:

The Air Pollution Control Officer has modified the Title V permit for Covanta Delano Inc. by incorporating S-72-1-10, '5-9, '9-7 and '10-9. The ATCs authorized replacement of a foam dust suppression system with a water dust suppression system.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on 7/16/15. 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, Permit Services Manager, at (661) 392-5500.

Sincerely,



Arnaud Marjollet
Director of Permit Services

AM:dbt

Enclosures

cc: Gerardo C. Rios, EPA (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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-75-1-11

EXPIRATION DATE: 08/31/2016

SECTION: SE25 TOWNSHIP: 25S RANGE: 25E

EQUIPMENT DESCRIPTION:

FUEL RECEIVING, SCREENING & CONVEYING OPERATION #1 INCLUDING 60 TON CAPACITY TRUCK TIPPER PLATFORM, FUEL RECEIVING HOPPER W/INCLINED DRAG CONVEYOR & SPIKE ROLLER, AND 175 TON/HR FUEL TRANSFER CONVEYOR #1 WITH BELT SCALE WITH WATER DUST SUPPRESSION SYSTEM (STATION #1 SERVES TRANSFER POINTS BC-1 TO DS-1, BC-9 TO BC-2, HOG-1 TO BC-2; STATION #2 SERVES POINTS BC-3 & BC-5), HIGH PRESSURE WATER SPRAY AT TRUCK UNLOADER #1, AND 3 FABRIC COLLECTORS

PERMIT UNIT REQUIREMENTS

1. Operation shall include ventilation system and fabric collector #2, with a minimum of 5,002 sq.ft. filter area and 100 hp exhaust fan, serving truck tippers, fuel receiving hoppers and inlets to the fuel transfer conveyor #1. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Fabric collector #2 shall include 5 hp blower motor, rotary valve and auger. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Operation shall include belt type magnetic separator and magnetic separator take away conveyor. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Operation shall include disk type scalping screen and swing hammer type hog, both with water dust suppression and both vented to fabric collector #4. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Operation shall include ventilation system and fabric collector #4, with minimum of 3,674 sq. ft. filter area and 60 hp exhaust fan (shared with S-75-5), serving disk type scalping screen, swing hammer type hog, and discharge of fuel transfer conveyor #1. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Fabric collector #4 shall include 3 hp blower motor, rotary valve and auger. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Operation shall include 186 ton/hr capacity hog outfeed conveyor #2 with operational water dust suppression. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Operation shall include 186 ton/hr capacity fixed stacker conveyor #3 with operational water dust suppression, two position diverter gate, and telescopic spout with dust pick-up shroud. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Operation shall include 186 ton/hr capacity stacker infeed conveyor #4, and 186 ton/hr capacity radial stacker conveyor #5 with telescopic spout with dust pickup. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Operation shall include ventilation system with fabric collector #3 serving equipment associated with the 186 ton/hour hog, fixed stacker and infeed conveyor listed above (fixed stacker conveyor #3, diverter gate, telescopic spout, stacker infeed conveyor #4, radial stacker conveyor #5 and the head of hog outfeed conveyor #2), with a minimum of 3,263 sq.ft. filter area and 125 hp exhaust fan. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Fabric collector #3 shall include 3 hp blower motor, rotary valve and auger. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. There shall be no visible emissions of 5% opacity or greater from truck tipper receiving hopper ventilation pickup points. [District NSR Rule] Federally Enforceable Through Title V Permit
13. Truck tipper receiving hopper ventilation hood and hog ventilation hoods shall provide minimum indraft velocity of 200 ft/min during entire truck unloading/screening operation. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Truck tipper receiving hopper drag chain conveyor transfer point hood shall provide minimum indraft velocity of 150 ft/min during entire truck unloading and fuel transfer to take away belt conveyor. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Truck tipper area ventilation system shall be equipped with interlocks and isolation valves which directs all air flow through operating truck tipper and prevents simultaneous operation of truck tippers. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Conveyor belt ventilation hood(s) shall provide minimum indraft velocity of 500 cfm/ft of belt width during entire truck unloading/screening operation. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Scalping screen ventilation hood(s) shall provide minimum indraft velocity of 50 ft/min during entire truck unloading/screening operation. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Truck tipper fabric collector #2 shall have minimum filter area of 5,002 sq. ft. and maximum air-to-cloth ratio of 8 ft/min. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Scalping screen/hog area ventilation system shall be equipped with isolation valve which prevents air flow from primary screen and hog when this equipment is not in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
20. Scalping screen/hog area fabric collector #4 shall have minimum filter area of 3,674 sq. ft. and maximum air-to-cloth ratio of 8 ft/min. [District NSR Rule] Federally Enforceable Through Title V Permit
21. Stacker/reclaimer area fabric collector #3 shall have minimum filter area of 3,263 sq. ft. and maximum air-to-cloth ratio of 8.2 ft/min. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Each fabric collector shall be equipped with adjustable automatic reverse pulse filter cleaning mechanism and operational differential pressure indicator. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [40 CFR Part 64 and District NSR Rule] Federally Enforceable Through Title V Permit
23. Each fabric collector shall operate at all times with a minimum differential pressure of 1 inches water column and a maximum differential pressure of 7 inches water column. [40 CFR Part 64] Federally Enforceable Through Title V Permit
24. Material removed from the fabric collectors shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
25. Particulate matter collected by fabric collectors shall be stored in closed containers when such material is not actively being returned to the boiler via permitted conveying equipment. [District NSR Rule] Federally Enforceable Through Title V Permit
26. Variable height radial stacker, auxiliary stacker and reclaimers shall be ventilated to fabric collector, and discharge from stacker spouts shall be maintained as close as possible to top of storage pile. [District NSR Rule] Federally Enforceable Through Title V Permit
27. Radial and auxiliary stacker conveyors BC3 and BC5 shall be equipped with water injection nozzles which shall be operated as needed, to ensure dust emissions have visible emissions less than or equal to 20% opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
28. All ventilation system ducts shall be sized for minimum duct transport velocity of 3,200 ft/min. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

29. Deliveries of fuel shall not exceed 144 truck loads per day. [District NSR Rule] Federally Enforceable Through Title V Permit
30. Drag chain transfer, point hood ventilation system and fabric collector shall operate whenever material is being transferred out of receiving bin. [District NSR Rule] Federally Enforceable Through Title V Permit
31. There shall be no visible emissions of 5% opacity or greater from truck tipper receiving hopper during entire unloading operation. [District NSR Rule] Federally Enforceable Through Title V Permit
32. Truck tipper receiving hopper, ventilation hood system and fabric collector #2 shall be operated whenever material is being transferred into the hopper. [District NSR Rule] Federally Enforceable Through Title V Permit
33. There shall be no visible emissions of 5% opacity or greater from conveyor transfer points, scalping screen, and hog enclosures, including inlet and outlet openings. [District NSR Rule] Federally Enforceable Through Title V Permit
34. Scalping screen/hog area fabric collector #4 shall be operated whenever material is being transferred from fuel receiving operations or storage pile to boiler. [District NSR Rule] Federally Enforceable Through Title V Permit
35. Stacker/reclaimer area fabric collector #3 shall be operated whenever material is being transferred to or from storage piles. [District NSR Rule] Federally Enforceable Through Title V Permit
36. Auxiliary stacker shall not operate when radial stacker is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
37. Fuel transfer conveyor shall be fully enclosed and covers shall be in place whenever conveyors are operating. [District NSR Rule] Federally Enforceable Through Title V Permit
38. Radial stacker telescoping discharge spout height shall be continuously adjusted to minimize material drop distance to pile. [District NSR Rule] Federally Enforceable Through Title V Permit
39. Material to stacker shall contain no more than 3% by weight of fines capable of passing through 200 mesh screen. [District NSR Rule] Federally Enforceable Through Title V Permit
40. Any stored fuel which is burning shall be immediately segregated and extinguished. [District Rule 4102 and District NSR Rule] Federally Enforceable Through Title V Permit
41. Records of types, amounts and origins (including distance from facility, copies of all purchase contracts, # of trucks, etc.) of offset fuels received shall be maintained and made readily available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
42. Air flow to fabric collector #2 shall not exceed 40,000 cfm and Particulate (PM-10) emissions from fabric filter #2 shall not exceed 0.0045 gr/scf. [District NSR Rule] Federally Enforceable Through Title V Permit
43. Air flow to fabric collectors 3 and 4 shall not exceed 20,000 and 30,000 cfm respectively, and Particulate (PM-10) emissions from fabric collectors shall not exceed 0.004 gr/scf. [District NSR Rule] Federally Enforceable Through Title V Permit
44. Fugitive particulate (PM-10) emissions from fuel storage piles shall not exceed 1.32 lb PM-10/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
45. Wood waste delivery trucks shall remain covered during entire unloading operation. [District NSR Rule] Federally Enforceable Through Title V Permit
46. Operator shall record the daily number of fuel delivery truck loads. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
47. Operator shall record percentage of fines (passing #200 screen) in the material to the stacker. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

48. There shall be no visible emissions of greater than 0% opacity from the fabric collectors. Visible emissions from the fabric collectors shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken within 24 hours to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
49. Visible emissions from truck tipper receiving hopper ventilation pickup points, conveyor transfer points, scalping screens, and hog enclosures (including inlet and outlet openings) shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
50. Dust collector system shall be thoroughly inspected annually for any evidence of particulate matter leaks and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
51. Dust collector filters shall be thoroughly inspected at least annually when the unit is not in operation for tears, scuffs, abrasions, holes or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
52. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
53. If the District or EPA determine that a Quality improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit
54. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
55. During each day of operation, the permittee shall record the pressure drop of the fabric filters, and compare the readings with the acceptable range. Upon detecting any excursion from the acceptable range pressure readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
56. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-75-5-10

EXPIRATION DATE: 08/31/2016

SECTION: SE25 TOWNSHIP: 25S RANGE: 25E

EQUIPMENT DESCRIPTION:

FUEL RECLAMATION, CONVEYING AND SCREENING OPERATION INCLUDING 45 TON/HR TRAVELING VARIABLE HEIGHT FUEL RECLAIMER WITH WATER SPRAY SYSTEM, RECLAIMER FEED TABLE, RECLAIMER CONVEYOR #6, AND AUXILIARY FUEL RECLAIM HOPPER (PHASE I) WITH WATER DUST SUPPRESSION SYSTEM (STATION #1 SERVES TRANSFER POINTS BC-9 TO BC-2, BC-10, DS-2 TO BC-8; STATION #2 SERVES TRANSFER POINTS BC-6 TO BC-7, DC-3 TO BC-7), AND 3 FABRIC COLLECTORS

PERMIT UNIT REQUIREMENTS

1. Operation shall include secondary feed conveyor #7 with belt scale, belt type magnetic separators, secondary disk type scalping screen, boiler feed conveyor #8, oversize conveyor #10 and distribution drag conveyor. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Operation shall include fuel abort bunker. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Operation shall include overfeed return conveyor #9 [District NSR Rule] Federally Enforceable Through Title V Permit
4. Operation shall include fabric collector #3 (125 hp fan and 3,263 sq. ft. minimum filtering area) serving transfer point from reclaimer feed table, auxiliary fuel reclaim hopper inlet, and reclaim conveyor #6 shared with S-75-1. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Operation shall include fabric collector #1 (25 hp fan and 750 sq. ft. minimum filtering area) serving head of boiler feed conveyor #8, inlet to secondary disk scalping screen and fuel abort bunker. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Operation shall include fabric collector #4 (100 hp fan and 3,674 sq. ft. min. filter area) serving discharge from conveyor #7, belt separator, inlet to fixed separator, discharge from secondary disk scalping screen, and MAC 95 cyclone #1, shared with permit S-75-1. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Material removed from each fabric collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Material collected by MAC 95 cyclone #1 shall discharge to conveyor BC-8, or to the covered truck loadout via a screw conveyor equipped with operational water sprays at the discharge point. [District Rule 2201] Federally Enforceable Through Title V Permit
9. There shall be no emissions in excess of 5% opacity from storage pile during reclamation operation. [District NSR Rule] Federally Enforceable Through Title V Permit
10. There shall be no emissions in excess of 5% opacity from conveyor transfer points, scalping screen, fuel storage bin inlet and outlet. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Fabric collector #4 shall be operated whenever material is being transferred from fuel reclamation operation. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Fabric collector #1 shall be operated whenever material is being transferred from fuel reclamation operation. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

13. Fuel transfer conveyors shall be fully enclosed and covers shall be in place whenever conveyors are operating. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Conveyor belt ventilation hoods shall be designed to provide a minimum indraft velocity of 500 cfm/ft of belt width during entire truck unloading/screening operation. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Fabric collector #1 shall have a minimum filtering area of 750 sq. ft. and a air to cloth ratio of 8 ft./min. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Each fabric collector shall be equipped with automatic, adjustable, reverse pulse filter cleaning mechanism. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Each fabric collector shall be equipped with operational differential pressure indicator. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [40 CFR Part 64 and District Rule 2201] Federally Enforceable Through Title V Permit
18. Each fabric collector shall operate at all times with a minimum differential pressure of 1 inches water column and a maximum differential pressure of 7 inches water column. [40 CFR Part 64] Federally Enforceable Through Title V Permit
19. All ventilation system ducts shall be sized for minimum duct transport velocity of 3,200 ft/min. [District NSR Rule] Federally Enforceable Through Title V Permit
20. All access roads and roadways associated with fuel reclamation operation shall be paved and maintained in good condition at all times. [District NSR Rule] Federally Enforceable Through Title V Permit
21. Permittee shall keep accurate records of material conveyed to fuel storage bin and make such records readily available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Fugitive PM10 emissions from the covered truck loading operation shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
23. The maximum emission rate of PM-10 from fabric collector #1 shall not exceed 0.21 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
24. Particulate matter emissions from the fabric filter dust collectors listed on this permit shall not exceed 0.004 grains/dscf in concentration. [District NSR Rule and District Rule 4201] Federally Enforceable Through Title V Permit
25. There shall be no visible emissions of greater than 0% opacity from the fabric collectors. Visible emissions from the fabric collectors shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken within 24 hours to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
26. Dust collector system shall be thoroughly inspected annually for any evidence of particulate matter leaks and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
27. Dust collector filters shall be thoroughly inspected at least annually when the unit is not in operation for tears, scuffs, abrasions, holes or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
29. If the District or EPA determine that a Quality improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit
30. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

31. During each day of operation, the permittee shall record the pressure drop of the fabric filters, and compare the readings with the acceptable range. Upon detecting any excursion from the acceptable range pressure readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
32. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-75-9-8

EXPIRATION DATE: 08/31/2016

SECTION: SE25 **TOWNSHIP:** 25S **RANGE:** 25E

EQUIPMENT DESCRIPTION:

FUEL RECEIVING, SCREENING & CONVEYING OPERATION INCLUDING 60 TON CAPACITY TRUCK TIPPER PLATFORM, FUEL RECEIVING HOPPER W/INCLINED DRAG CONVEYOR & SPIKE ROLLER, AND 100 TON/HR FUEL RECEIVING CONVEYOR #11 W/BELT SCALE WITH WATER DUST SUPPRESSION SYSTEM (STATION #1 SERVES TRANSFER POINTS BC-11 TO DS-3, HOG-2 TO BC-13, BC-12; STATION #3 SERVES POINTS BC-16 & BC-17), HIGH PRESSURE WATER SPRAY AT TRUCK UNLOADER #3, AND AND 3 FABRIC COLLECTORS

PERMIT UNIT REQUIREMENTS

1. Truck tipper platform, fuel receiving hopper, and fuel receiving conveyor shall vent only to fabric collector #5. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Fuel receiving operation shall include belt type magnetic separator #3. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Fuel receiving operation shall be equipped with ventilation system and fabric collector #5 with a minimum filter area of 4,875 sq. ft., maximum air-to-cloth ratio of 8:1, 100 hp exhaust fan, 5.0 hp reverse air blower, air lock, air header, and screw conveyor. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Fuel receiving operation shall be equipped with disk type scalping screen and two position pneumatically operated diverter gate #5. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Fuel receiving operation shall be equipped with swing hammer type hog with metal trap. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Fuel receiving operation shall be equipped with 50 ton/hr capacity disk screen overs conveyor #12 with operational water dust suppression, 100 ton/hr capacity screen/hog discharge conveyor #13 with operational water dust suppression, and 135 ton/hr capacity fuel transfer conveyor #14. [District NSR Rule]
7. Fuel receiving operation shall be equipped with ventilation systems and fabric collector #6 with a minimum filter area of 2,505 sq. ft., maximum air-to-cloth ratio of 8:1, 60 hp exhaust fan, 3.0 hp reverse air blower, air lock, air header, and screw conveyor. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Fabric collector #6 shall serve disk type scalping screen, diverter gate #5, swing hammer type hog, disk screen overs conveyor #12, screen/hog discharge conveyor #13, and fuel transfer conveyor #14. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Fuel receiving operation shall be equipped with two position pneumatically operated diverter gates number 6 and number 7. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Fuel receiving operation shall be equipped with 135 ton/hr capacity fixed stacker feed conveyor #17 with operational water dust suppression. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Fuel receiving operation fixed stacker shall be equipped with telescoping spout with dust pick-up shroud. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Fuel receiving operation shall be equipped with 170 ton/hr capacity radial stacker feed conveyor #15. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

13. Fuel receiving operation shall be equipped with 170 ton/hr capacity radial stacker conveyor #16 with operational water dust suppression shared with permit unit S-75-10. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Fuel receiving operation radial stacker shall be equipped with telescoping spout with dust pick-up shroud. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Water injection nozzles on radial and fixed stacker conveyors BC16 and BC17 shall be operated as needed, to ensure dust emissions have visible emissions of less than or equal to 20% opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Fuel receiving operation shall be equipped with ventilation system and fabric collector #7 with minimum of 4,466 sq. ft. filter area, maximum air-to-cloth ratio of 8:1, 200 hp exhaust fan, 5.0 hp reverse air blower, air lock, air header, and screw conveyor. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Fabric collector #7 shall serve diverter gates #6 and #7, fixed stacker feed conveyor #17, fixed stacker telescoping spout, radial stacker feed conveyor #15, radial stacker conveyor #16, radial stacker telescoping spout, and equipment identified on permit S-75-10. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Truck tipper receiving hopper ventilation pickup points shall prevent particulate matter emissions to atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Truck tipper receiving hopper ventilation hood and hog ventilation hoods shall provide minimum indraft velocity of 200 ft./min. during entire truck unloading/screening operation. [District NSR Rule] Federally Enforceable Through Title V Permit
20. Truck tipper receiving hopper drag chain conveyor transfer point hood shall provide minimum indraft velocity of 150 ft./min. during entire truck unloading/screening operation. [District NSR Rule] Federally Enforceable Through Title V Permit
21. Conveyor belt ventilation hood(s) shall provide minimum indraft velocity of 500 cfm/ft. of belt width during entire truck unloading/screening operation. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Scalping screen ventilation hood shall be designed to provide minimum indraft velocity of 50 ft./min. during entire truck unloading/screening operation. [District NSR Rule] Federally Enforceable Through Title V Permit
23. Each fabric collector shall be equipped with adjustable automatic reverse pulse filter cleaning mechanism and operational differential pressure indicator. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [40 CFR Part 64 and District NSR Rule] Federally Enforceable Through Title V Permit
24. Each fabric collector shall operate at all times with a minimum differential pressure of 1 inches water column and a maximum differential pressure of 7 inches water column. [40 CFR Part 64] Federally Enforceable Through Title V Permit
25. Radial stackers telescoping spout discharge height shall be maintained as close as possible to top of storage pile. [District NSR Rule] Federally Enforceable Through Title V Permit
26. Each ventilation system duct shall be equipped with capped 3/4 in. pitot port in an accessible location to facilitate duct velocity determination measurement. [District Rule 1081] Federally Enforceable Through Title V Permit
27. All ventilation system ducts shall be sized for minimum duct transport velocity of 3,400 ft./min. [District NSR Rule] Federally Enforceable Through Title V Permit
28. Deliveries of wood waste fuel shall not exceed 46 truck loads per day without prior District approval. [District NSR Rule] Federally Enforceable Through Title V Permit
29. Ventilation system and fabric collector shall operate whenever material is being transferred into or out of receiving hoppers. [District NSR Rule] Federally Enforceable Through Title V Permit
30. Wood waste delivery trucks shall remain covered during entire unloading operation. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

31. There shall be no visible emissions of 5% opacity or greater from truck tipper or receiving hopper during entire unloading operation. [District NSR Rule] Federally Enforceable Through Title V Permit
32. Truck tipper receiving hopper fabric collector #5 shall be operated whenever material is being transferred into and out of hoppers. [District NSR Rule] Federally Enforceable Through Title V Permit
33. There shall be no visible emissions of 5% opacity or greater from conveyor transfer points, scalping screen, and hog enclosures, including inlet and outlet openings. [District NSR Rule] Federally Enforceable Through Title V Permit
34. Ventilation system and fabric collector #6 shall be operated whenever material is being transferred from fuel receiving operation. [District NSR Rule] Federally Enforceable Through Title V Permit
35. Ventilation system and fabric collector #7 shall be operated whenever material is being transferred from fuel receiving operations. [District NSR Rule] Federally Enforceable Through Title V Permit
36. Material removed from each fabric collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
37. Fuel transfer conveyors shall be covered and covers shall be in place whenever conveyors are operating. [District NSR Rule] Federally Enforceable Through Title V Permit
38. Any stored fuel which is burning shall be immediately segregated and extinguished. [District NSR Rule] Federally Enforceable Through Title V Permit
39. All access roads and roadways associated with truck unloading operations shall be paved and maintained in good condition at all times. [District NSR Rule] Federally Enforceable Through Title V Permit
40. Operator shall visually check each truckload for unacceptable fuel before unloading. For non-agricultural fuel (e.g. secondary wood), a representative sample shall be taken from each source each day and stored for one month. [District NSR Rule] Federally Enforceable Through Title V Permit
41. Fuel samples shall be made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
42. Particulate matter (PM-10) emissions from all fabric collectors shall not exceed 0.004 gr/scf. [District NSR Rule] Federally Enforceable Through Title V Permit
43. Particulate matter (PM-10) emissions from truck dump area fabric collector #5 shall not exceed 1.18 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
44. Particulate matter (PM-10) emissions from scalping screen/hog area fabric collector #6 shall not exceed 0.67 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
45. Particulate matter (PM-10) emissions from stacker/reclaimer fabric collector #7 shall not exceed 1.25 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
46. Fugitive particulate matter (PM-10) emissions from fuel storage piles shall not exceed 60.81 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
47. There shall be no visible emissions of greater than 0% opacity from the fabric collectors. Visible emissions from the fabric collectors shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken within 24 hours to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
48. Official test results and field data collected shall be submitted to the District within 60 days after collection. [District Rule 1081] Federally Enforceable Through Title V Permit
49. Dust collector system shall be thoroughly inspected annually for any evidence of particulate matter leaks and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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50. Dust collector filters shall be thoroughly inspected at least annually when the unit is not in operation for tears, scuffs, abrasions, holes or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
51. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
52. If the District or EPA determine that a Quality improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit
53. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
54. During each day of operation, the permittee shall record the pressure drop of the fabric collector, and compare the readings with the acceptable range. Upon detecting any excursion from the acceptable range pressure readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
55. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
56. Operator shall record the daily number of truck deliveries of wood waste fuel. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-75-10-10

EXPIRATION DATE: 08/31/2016

SECTION: SE25 **TOWNSHIP:** 25S **RANGE:** 25E

EQUIPMENT DESCRIPTION:

FUEL RECLAMATION, CONVEYING & SCREENING OPERATION INCLUDING 35 TON/HR TRAVELING VARIABLE HEIGHT FUEL RECLAIMER #DC-4 WITH WATER SPRAY SYSTEM AND BOOMING AND SLEWING SYSTEM (SHARED WITH S-75-9) (PHASE II) WITH WATER DUST SUPPRESSION SYSTEM (STATION #1 SERVES TRANSFER POINTS DS-4 ABORT CHUTE, DS-4 TO BC-21; STATION #3 SERVES TRANSFER POINTS BC-18 TO BC-20, BC-19 TO BC-20), AND 2 FABRIC COLLECTORS

PERMIT UNIT REQUIREMENTS

1. Fuel reclamation operation shall be equipped with reclaimer table and reclaim transfer conveyor #19 with operational water dust suppression. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Fuel reclamation operation shall be equipped with self-cleaning belt-type magnetic separator #4, and magnetic discharge take away conveyor #24. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Fuel reclamation operation shall be equipped with partially enclosed 35 ton/hr auxiliary reclaim hopper #DC-5 with water sprays, and inclined live chain bottom and double spike roll discharger. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Fuel reclamation operation shall be equipped with 35 ton/hr capacity auxiliary reclaimer discharge conveyor #18. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Fuel reclamation operation shall be equipped with two position pneumatically operated diverter gate #7. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Fuel reclamation operation shall be equipped with 35 ton/hr capacity, secondary screen feed conveyor #20 with operational water dust suppression. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Fuel reclamation operation shall be equipped with self cleaning, belt type, magnetic separator #5 and collection system. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Fuel reclamation operation shall be equipped with two position pneumatically operated diverter gate #8. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Fuel reclamation operation shall be equipped with secondary disk type, scalping screen and oversized discharge chute and bunker. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Fuel reclamation operation shall be equipped with 35 ton/hr capacity boiler feed conveyor #21 with operational water dust suppression. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Fuel reclamation operation shall be equipped with ventilation system, cyclone #2 (MAC H85) and fabric collector #9 with minimum of 1,832 sq. ft. filter area, maximum air-to-cloth ratio of 10.92 ft/min, 60 hp exhaust fan, reverse air blower, air lock, air header, and screw conveyor. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Material collected by MAC H85 cyclone #2 shall discharge either to conveyor BC-21 or to the covered truck loadout listed on permit S-75-5. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
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13. Secondary scalping screen fabric collector #9 shall serve secondary screen conveyor #20, magnetic separator #5, diverter gate #8, secondary scalping screen, discharge chute and bunker, boiler feed conveyor, and beginning of fuel reclamation operation. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Fuel reclamation operation shall be equipped with boiler distribution conveyor #DC-6. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Fuel reclamation operation shall be equipped with 35 ton/hr capacity, overfeed conveyor #22. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Fuel reclamation operation shall be equipped with two position pneumatically operated diverter gate #9. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Fuel reclamation operation shall be equipped with abort bunker. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Fuel reclamation operation shall be equipped with ventilation system and fabric collector #11 with minimum of 1430 sq. ft. filter area, maximum air-to-cloth ratio of 8.2 ft/min, 50 hp exhaust fan, reverse air blower, air lock, air header, and screw conveyor. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Boiler area fabric collector #11 shall serve boiler distribution conveyor #DC-6, overfeed conveyor #22, diverter gate #9, abort bunker, and existing #BC-9. [District NSR Rule] Federally Enforceable Through Title V Permit
20. Conveyor belt ventilation hood(s) shall provide minimum indraft velocity of 500 cfm/ft. of belt width during fuel reclamation, conveying and screening operation. [District NSR Rule] Federally Enforceable Through Title V Permit
21. Secondary scalping screen ventilation hood shall provide minimum indraft velocity of 50 ft./min. while screen is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Each fabric collector shall be equipped with adjustable automatic reverse pulse filter cleaning mechanism. [District NSR Rule] Federally Enforceable Through Title V Permit
23. Each fabric collector shall be equipped with operational differential pressure indicator. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [40 CFR Part 64 and District NSR Rule] Federally Enforceable Through Title V Permit
24. Each fabric collector shall operate at all times with a minimum differential pressure of 1 inches water column and a maximum differential pressure of 7 inches water column. [40 CFR Part 64] Federally Enforceable Through Title V Permit
25. Material removed from each fabric collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
26. Each ventilation system duct shall be equipped with capped 3/4 in. pitot port in an accessible location to facilitate duct velocity determination measurement. [District NSR Rule] Federally Enforceable Through Title V Permit
27. All ventilation system ducts shall be sized for minimum duct transport velocity of 3,400 ft./min. [District NSR Rule] Federally Enforceable Through Title V Permit
28. There shall be no visible emissions of 5% opacity or greater from storage pile during reclamation operation. [District NSR Rule] Federally Enforceable Through Title V Permit
29. There shall be no visible emissions of 5% opacity or greater from conveyor transfer points, scalping screen, and fuel storage bin, including inlet and outlet openings. [District NSR Rule] Federally Enforceable Through Title V Permit
30. Boiler area fabric collector #11 shall be operated whenever material is being transferred from fuel reclamation operation. [District NSR Rule] Federally Enforceable Through Title V Permit
31. Fuel transfer conveyors shall be covered and covers shall be in place whenever conveyors are operating. [District NSR Rule] Federally Enforceable Through Title V Permit
32. Particulate matter (PM10) emissions from fabric collector #9 shall not exceed 0.004 gr/scf, and maximum air flow shall not exceed 20,000 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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33. Particulate matter (PM10) emissions from fabric collector #11 shall not exceed 0.0036 gr/scf, and maximum air flow shall not exceed 11,750 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit
34. All access roads and roadways associated with fuel reclamation operation shall be paved and maintained in good condition at all times. [District NSR Rule] Federally Enforceable Through Title V Permit
35. There shall be no visible emissions of greater than 0% opacity from the fabric collectors. Visible emissions from the fabric collectors shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken within 24 hours to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Dust collector system shall be thoroughly inspected annually for any evidence of particulate matter leaks and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
37. Dust collector filters shall be thoroughly inspected at least annually when the unit is not in operation for tears, scuffs, abrasions, holes or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
39. If the District or EPA determine that a Quality improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit
40. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
41. During each day of operation, the permittee shall record the pressure drop of the fabric filters, and compare the readings with the acceptable range. Upon detecting any excursion from the acceptable range pressure readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
42. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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