



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

JUN 07 2012

David Rothbart
County Sanitation Districts of Los Angeles County
1955 Workman Mill Rd.
Whittier, CA 90601-1514

RE: Notice of Final Action - Authority to Construct
Project Number: C-1111582 and C-1112854

Dear Mr. Rothbart:

The Air Pollution Control Officer has issued Authority to Construct permits to County Sanitation Districts of Los Angeles County for the Westlake Farms Composting Facility (WFCF), at Section 35, Township 22s, Range 19e, Mt. Diablo Baseline and Meridian, approximately 4 miles SE of Kettleman City in Kings County, CA.

Enclosed are copies of the Authority to Construct permits and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue this Authority to Construct was published on May 2, 2012. The District's analysis of the proposal was also sent to CARB and US EPA Region IX on May 2, 2012. 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.

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

Sincerely,

David Warner
Director of Permit Services

DW:bc

Enclosures

Seyed Sadredin

Executive Director/Air Pollution Control Officer

Northern Region

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

Central Region (Main Office)

1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061
www.valleyair.org

Southern Region

2700 M Street, Suite 275
Bakersfield, CA 93301-2373
Tel: (661) 326-6900 FAX: (661) 326-6985



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

JUN 07 2012

Gerardo C. Rios (AIR 3)
Chief, Permits Office
Air Division
U.S. E.P.A. - Region IX
75 Hawthorne Street
San Francisco, CA 94105

RE: Notice of Final Action - Authority to Construct
Project Number: C-1111582 and C-1112854

Dear Mr. Rios:

The Air Pollution Control Officer has issued Authority to Construct permits to County Sanitation Districts of Los Angeles County for the Westlake Farms Composting Facility (WFCF), at Section 35, Township 22s, Range 19e, Mt. Diablo Baseline and Meridian, approximately 4 miles SE of Kettleman City in Kings County, CA.

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David Warner
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San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

JUN 07 2012

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

RE: Notice of Final Action - Authority to Construct
Project Number: C-1111582 and C-1112854

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued Authority to Construct permits to County Sanitation Districts of Los Angeles County for the Westlake Farms Composting Facility (WFCF), at Section 35, Township 22s, Range 19e, Mt. Diablo Baseline and Meridian, approximately 4 miles SE of Kettleman City in Kings County, CA.

Enclosed are copies of the Authority to Construct permits and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue this Authority to Construct was published on May 2, 2012. The District's analysis of the proposal was also sent to CARB and US EPA Region IX on May 2, 2012. 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. Jim Swaney at (559) 230-5900.

Sincerely,

David Warner
Director of Permit Services

DW:bc

Enclosures

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Hanford Sentinel

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

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authority to Construct permits to County Sanitation Districts of Los Angeles County for the Westlake Farms Composting Facility (WFCF), at Section 35, Township 22s, Range 19e, Mt. Diablo Baseline and Meridian, approximately 4 miles SE of Kettleman City in Kings County, CA.

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

The application review for Project #C-1111582 and C-1112854 is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the **SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT, 1990 EAST GETTYSBURG AVENUE, FRESNO, CA 93726.**



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-1-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

BULKING AGENT (AGRICULTURAL WASTE AND GREEN WASTE) RECEIVING AND STORAGE OPERATION (NORTH); INCLUDES AN OUTDOOR RECEIVING/PROCESSING AREA AND AN OUTDOOR EMERGENCY SEVEN-DAY STOCKPILE

CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. Agricultural (Ag) Waste is vegetative crop residue, consisting of but not limited to: harvested trees, orchard and vineyard prunings, vegetable by-products from farming, residual fruits, vegetables, and other crop remains after usable crop is harvested. Agricultural waste does not include manure or biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
5. Biosolids are the solid, semisolid, or liquid material obtained from wastewater, often used as fertilizer. Biosolids include, but are not limited to animal manure, treated domestic septage and scum or solids removed in primary, secondary, or advanced wastewater treatment processes. Biosolids do not include ash or grit and screenings generated during the preliminary treatment of domestic sewage in a treatment works. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services

C-6048-1-3; Jun 4 2012 2:54PM - CLEMENTS : Joint Inspection NOT Required

6. Bulking Agent is a constituent of the compost feedstock, consisting of Ag Waste and/or Green Waste. [District Rule 2201]
7. Compost Material consists of Bulking Agent, Biosolids, Active-Phase Compost, Maturation-Phase Compost, Curing-Phase Compost, or any combination thereof. [District Rule 2201]
8. Feedstocks are composting raw materials, including Bulking Agents (Ag Waste and Green Waste) and Biosolids. [District Rule 2201]
9. Green Waste is urban landscape waste, consisting of but not limited to: grass clippings, weeds, tree and shrub trimmings, wood waste, branches and stumps, home garden residues, and other plant remains. Green waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
10. For transportation of Puente Hills green waste in excess of 100,000 tons/year, the permittee shall use trucks whose engines comply with the 2004 or later federal emission standards for heavy-duty on-road engines. [California Environmental Quality Act]
11. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
12. 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]
13. Visible emissions shall not exceed 5% opacity at any point in the Bulking Agent receiving, transfer or storage process. [District Rules 2201 and 4101]
14. Water sprays shall be used, as needed, to ensure visible from any Bulking Agent does not exceed 5% opacity. [District Rules 2201 and 4101]
15. The maximum amount of bulking agent received under permit units C-6048-1 and C-6048-2 shall not exceed either of the following limits: 3,800 wet-ton/day or 400,000 wet-ton/year. [District Rule 2201 and California Environmental Quality Act]
16. The maximum volume of bulking agent, not including the emergency agricultural waste stockpile, stored under permit units C-6048-1 and C-6048-2 shall not exceed 24,350 yd³ at any one time. The maximum volume of the emergency agricultural waste stockpile under permit units C-6048-1 and C-6048-2 shall not exceed 32,667 yd³ at any one time. [District Rule 2201]
17. Emissions from the Bulking Agent receiving, transfers and stockpiling shall not exceed 0.001 lb-PM10/wet ton. [District Rule 2201]
18. Facility-wide Compost Material emissions shall not exceed either of the following limits: 882.5 lb-VOC/day or 4,246.5 lb-NH₃/day. [District Rule 2201]
19. Facility-wide Compost Material emissions shall not exceed either of the following limits: 184,972 lb-VOC/year or 1,545,771 lb-NH₃/year. [District Rule 2201]
20. All bulking agent shall be processed in the mixing building and sent to compost within seven calendar days of receipt at the facility. This condition does not apply to the emergency agricultural waste stockpile. [District Rule 2201]
21. 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]
22. Source testing for VOC and NH₃ emissions shall be performed on the surface of two District identified Bulking Agent Piles (one Green Waste, one Ag Waste) using the EPA Flux Chamber Method, SCAQMD methods 25.3 and 207.1, and/or other District approved methods. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

23. Initial source testing shall be performed no sooner than 90 days, but no later than 270 days after operation commences (first mixing of Feedstocks). Source testing shall be conducted every 15 months. After demonstrating compliance on two consecutive source tests, the source test frequency shall be not less than once every 27 months. If the result of the 27-month source test demonstrates non-compliance, the source testing frequency shall revert to at least once every 15 months. Successive source testing shall be conducted during each season of the year (e.g. 1st test: Spring, 2nd test: Summer, 3rd test: Fall, 4th test: Winter, 5th test: Spring, etc). Source testing the Bulking Agent under permit units C-6048-1 and C-6048-2 may cease after demonstrating compliance on four consecutive source tests. [District Rule 2201]
24. District approved independent testing lab(s) shall perform the source testing. [District Rule 2201]
25. All source testing shall take place under conditions considered representative of normal source operation. [District Rule 2201]
26. The source test summary shall include the uncontrolled Ag Waste and Green Waste Emission Factors for VOC and NH₃ (lb-pollutant/yd³-hr), the total respective pile volumes and the densities of Ag Waste and Green Waste (ton/yd³). [District Rule 2201]
27. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
28. The permittee shall keep daily and annual records of the facility-wide Compost Materials VOC and NH₃ emissions (lb-pollutant/day and lb-pollutant/year) based on the following equation: Facility-Wide Compost Materials Emissions = Outdoor Bulking Agent Emissions (C-6048-1 and C-6048-2) + Indoor Biosolids Receiving/Storage Emissions (C-6048-7 and C-6048-8) + Indoor Feedstocks Mixing Emissions (C-6048-7 and C-6048-8) + Outdoor Compost Conveying Emissions (C-6048-7 and C-6048-8) + Compost Piles Emissions (C-6048-19). [District Rule 2201]
29. The permittee shall keep daily records of the total VOC and NH₃ emissions from the Outdoor Bulking Agent, based on the following equation: Outdoor Bulking Agent Emissions (lb/day) = 24 (hr/day) x [Uncontrolled Green Waste Emission Factor (lb/yd³-hr) x Total Outdoor Green Waste Average Pile Volume (yd³) + Uncontrolled Ag Waste Emission Factor (lb/yd³-hr) x Total Outdoor Ag Waste Average Pile Volume not including emergency stockpile (yd³)] + [Uncontrolled Ag Waste Emission Factor (lb/yd³-hr) x Emergency Stockpile Volume (yd³) x 24 hr/day]. [District Rule 2201]
30. Until the first source test results are available, the Uncontrolled Green Waste Emission Factors are 6.74 E-4 lb-VOC/yd³-hr and 8.87 E-6 lb-NH₃/yd³-hr, the Uncontrolled Ag Waste Emission Factors are 4.93 E-6 lb-VOC/yd³-hr and 5.33 E-8 lb-NH₃/yd³-hr. [District Rule 2201]
31. The Emission Factors utilized in the emissions equations shall be the average numbers from the latest source test during that season (i.e. emissions calculations during the Summer shall be based on the latest Summer source test). All source test results shall be submitted to the District for approval of the Emission Factors. [District Rule 2201]
32. The permittee shall keep daily and annual records of the amount of bulking agent received at the facility, in wet tons and cubic yards (yd³). [District Rule 2201 and California Environmental Quality Act]
33. The permittee shall keep records to verify that all bulking agent, not including the emergency agricultural waste stockpile, is processed in the mixing building and sent to compost within seven calendar days of receipt at the facility. [District Rule 2201]
34. 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]
35. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
36. 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]
37. 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 or Rule 8011. [District Rule 8041]

CONDITIONS CONTINUE ON NEXT PAGE

38. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
39. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
40. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
41. 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 District Rule 8011. [District Rules 8071 and 8011]
42. 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 District Rule 8011. [District Rules 8071 and 8011]
43. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
44. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]
45. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-2-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

BULKING AGENT (AGRICULTURAL WASTE AND GREEN WASTE) RECEIVING AND STORAGE OPERATION (SOUTH); INCLUDES AN OUTDOOR RECEIVING/PROCESSING AREA AND AN OUTDOOR EMERGENCY SEVEN-DAY STOCKPILE

CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
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5. Biosolids are the solid, semisolid, or liquid material obtained from wastewater, often used as fertilizer. Biosolids include, but are not limited to animal manure, treated domestic septage and scum or solids removed in primary, secondary, or advanced wastewater treatment processes. Biosolids do not include ash or grit and screenings generated during the preliminary treatment of domestic sewage in a treatment works. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

C-6048-2-3 : Jul 4 2012 2:04PM - CLEMENTB : Joint Inspection NOT Required

6. Bulking Agent is a constituent of the compost feedstock, consisting of Ag Waste and/or Green Waste. [District Rule 2201]
7. Compost Material consists of Bulking Agent, Biosolids, Active-Phase Compost, Maturation-Phase Compost, Curing-Phase Compost, or any combination thereof. [District Rule 2201]
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10. For transportation of Puente Hills green waste in excess of 100,000 tons/year, the permittee shall use trucks whose engines comply with the 2004 or later federal emission standards for heavy-duty on-road engines. [California Environmental Quality Act]
11. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
12. 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]
13. Visible emissions shall not exceed 5% opacity at any point in the Bulking Agent receiving, transfer or storage process. [District Rules 2201 and 4101]
14. Water sprays shall be used, as needed, to ensure visible from any Bulking Agent does not exceed 5% opacity. [District Rules 2201 and 4101]
15. The maximum amount of bulking agent received under permit units C-6048-1 and C-6048-2 shall not exceed either of the following limits: 3,800 wet-ton/day or 400,000 wet-ton/year. [District Rule 2201 and California Environmental Quality Act]
16. The maximum volume of bulking agent, not including the emergency agricultural waste stockpile, stored under permit units C-6048-1 and C-6048-2 shall not exceed 24,350 yd³ at any one time. The maximum volume of the emergency agricultural waste stockpile under permit units C-6048-1 and C-6048-2 shall not exceed 32,667 yd³ at any one time. [District Rule 2201]
17. Emissions from the Bulking Agent receiving, transfers and stockpiling shall not exceed 0.001 lb-PM₁₀/wet ton. [District Rule 2201]
18. Facility-wide Compost Material emissions shall not exceed either of the following limits: 882.5 lb-VOC/day or 4,246.5 lb-NH₃/day. [District Rule 2201]
19. Facility-wide Compost Material emissions shall not exceed either of the following limits: 184,972 lb-VOC/year or 1,545,771 lb-NH₃/year. [District Rule 2201]
20. All bulking agent shall be processed in the mixing building and sent to compost within seven calendar days of receipt at the facility. This condition does not apply to the emergency agricultural waste stockpile. [District Rule 2201]
21. 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]
22. Source testing for VOC and NH₃ emissions shall be performed on the surface of two District identified Bulking Agent Piles (one Green Waste, one Ag Waste) using the EPA Flux Chamber Method, SCAQMD methods 25.3 and 207.1, and/or other District approved methods. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

23. Initial source testing shall be performed no sooner than 90 days, but no later than 270 days after operation commences (first mixing of Feedstocks). Source testing shall be conducted every 15 months. After demonstrating compliance on two consecutive source tests, the source test frequency shall be not less than once every 27 months. If the result of the 27-month source test demonstrates non-compliance, the source testing frequency shall revert to at least once every 15 months. Successive source testing shall be conducted during each season of the year (e.g. 1st test: Spring, 2nd test: Summer, 3rd test: Fall, 4th test: Winter, 5th test: Spring, etc). Source testing the Bulking Agent under permit units C-6048-1 and C-6048-2 may cease after demonstrating compliance on four consecutive source tests. [District Rule 2201]
24. District approved independent testing lab(s) shall perform the source testing. [District Rule 2201]
25. All source testing shall take place under conditions considered representative of normal source operation. [District Rule 2201]
26. The source test summary shall include the uncontrolled Ag Waste and Green Waste Emission Factors for VOC and NH₃ (lb-pollutant/yd³-hr), the total respective pile volumes and the densities of Ag Waste and Green Waste (ton/yd³). [District Rule 2201]
27. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
28. The permittee shall keep daily and annual records of the facility-wide Compost Materials VOC and NH₃ emissions (lb-pollutant/day and lb-pollutant/year) based on the following equation: Facility-Wide Compost Materials Emissions = Outdoor Bulking Agent Emissions (C-6048-1 and C-6048-2) + Indoor Biosolids Receiving/Storage Emissions (C-6048-7 and C-6048-8) + Indoor Feedstocks Mixing Emissions (C-6048-7 and C-6048-8) + Outdoor Compost Conveying Emissions (C-6048-7 and C-6048-8) + Compost Piles Emissions (C-6048-19). [District Rule 2201]
29. The permittee shall keep daily records of the total VOC and NH₃ emissions from the Outdoor Bulking Agent, based on the following equation: Outdoor Bulking Agent Emissions (lb/day) = 24 (hr/day) x [Uncontrolled Green Waste Emission Factor (lb/yd³-hr) x Total Outdoor Green Waste Average Pile Volume (yd³) + Uncontrolled Ag Waste Emission Factor (lb/yd³-hr) x Total Outdoor Ag Waste Average Pile Volume not including emergency stockpile (yd³)] + [Uncontrolled Ag Waste Emission Factor (lb/yd³-hr) x Emergency Stockpile Volume (yd³) x 24 hr/day]. [District Rule 2201]
30. Until the first source test results are available, the Uncontrolled Green Waste Emission Factors are 6.74 E-4 lb-VOC/yd³-hr and 8.87 E-6 lb-NH₃/yd³-hr, the Uncontrolled Ag Waste Emission Factors are 4.93 E-6 lb-VOC/yd³-hr and 5.33 E-8 lb-NH₃/yd³-hr. [District Rule 2201]
31. The Emission Factors utilized in the emissions equations shall be the average numbers from the latest source test during that season (i.e. emissions calculations during the Summer shall be based on the latest Summer source test). All source test results shall be submitted to the District for approval of the Emission Factors. [District Rule 2201]
32. The permittee shall keep daily and annual records of the amount of bulking agent received at the facility, in wet tons and cubic yards (yd³). [District Rule 2201 and California Environmental Quality Act]
33. The permittee shall keep records to verify that all bulking agent, not including the emergency agricultural waste stockpile, is processed in the mixing building and sent to compost within seven calendar days of receipt at the facility. [District Rule 2201]
34. 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]
35. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
36. 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]
37. 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 or Rule 8011. [District Rule 8041]

CONDITIONS CONTINUE ON NEXT PAGE

38. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
39. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
40. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
41. 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 District Rule 8011. [District Rules 8071 and 8011]
42. 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 District Rule 8011. [District Rules 8071 and 8011]
43. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
44. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]
45. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-3-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

TRANSPORTABLE BULKING AGENT ROTARY DRUM TROMMEL SCREEN (NORTH) POWERED BY AN ONBOARD 250 BHP TIER 3 CERTIFIED CATERPILLAR MODEL 3126B OR EQUIVALENT DIESEL-FIRED IC ENGINE

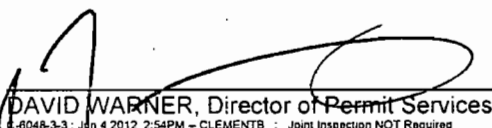
CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. Agricultural (Ag) Waste is vegetative crop residue, consisting of but not limited to: harvested trees, orchard and vineyard prunings, vegetable by-products from farming, residual fruits, vegetables, and other crop remains after usable crop is harvested. Agricultural waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
5. Bulking Agent is a constituent of the compost feedstock, consisting of Ag Waste and/or Green Waste. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services

C-6048-3-3; Jun 4 2012 2:54PM - CLEMENTB : Joint Inspection NOT Required

6. Green Waste is urban landscape waste, consisting of but not limited to: grass clippings, weeds, tree and shrub trimmings, wood waste, branches and stumps, home garden residues, and other plant remains. Green waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
7. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
8. Particulate matter emissions from the engine shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
9. 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]
10. Visible emissions from bulking agent screening shall not exceed 5% opacity. [District Rules 2201 and 4101]
11. Water sprays shall be used, as needed, to ensure visible emissions from bulking agent screening does not exceed 5% opacity. [District Rules 2201 and 4101]
12. The combined bulking agent screen throughput of units C-6048-3 and C-6048-4 shall not exceed either of the following limits: 3,800 ton/day or 80,000 wet-ton/year. [District Rule 2201]
13. Emissions from the bulking agent screening operation shall not exceed 0.003 lb-PM10/wet-ton. [District Rule 2201]
14. The combined amount of diesel fuel consumed by units C-6048-3 and C-6048-4 shall not exceed either of the following limits: 260 gal/day or 21,350 gal/year. [District Rule 2201]
15. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of diesel fuel combusted by the engine shall be installed, utilized, and maintained. [District Rules 2201 and 4702]
16. The permittee shall obtain APCO approval for the use of any equivalent engine not specifically approved by this Authority to Construct. Approval of an equivalent engine shall only be made after the APCO's determination that the submitted design and performance data for the proposed alternate engine are equivalent to the approved engine. [District Rule 2201]
17. The permittee's request for approval of an equivalent engine shall include, at minimum, the following information: CARB certification/executive order, engine manufacturer and model number, maximum power rating (bhp), and manufacturer's guaranteed emission factors. [District Rule 2201]
18. Alternate equipment shall be of the same class and category of source as the equipment authorized by the Authority to Construct. [District Rule 2201]
19. No emission factor and no emission rate shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201]
20. This engine shall not be operated at one location or site at the facility for more than 12 consecutive months. [District Rules 2201 and 4701, and 17 CCR 93116]
21. Emissions from the engine shall not exceed any of the following limits: 3.0 g-NO_x/bhp-hr, 2.6 g-CO/bhp-hr, or 0.15 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93116]
22. Emissions from this IC engine shall not exceed 0.149 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 17 CCR 93116]
23. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be consumed by the engine. [District Rules 2201 and 4801, and 17 CCR 93116]
24. The engine's exhaust stack(s) shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap, roof overhang, or any other obstruction. [District Rule 4102]
25. The engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]

CONDITIONS CONTINUE ON NEXT PAGE

26. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
27. The permittee shall maintain a daily engine operating log that includes all of the following information: date, quantity of fuel used, maintenance or modifications performed, monitoring data, records of operational characteristics monitoring, and any other information necessary to demonstrate compliance. [District Rules 2201 and 4702]
28. Permittee shall keep daily and annual records of the amount of bulking agent screened, in wet-tons. [District Rule 2201]
29. 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]
30. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
31. 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]
32. 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 or Rule 8011. [District Rule 8041]
33. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
34. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
35. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
36. 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 District Rule 8011. [District Rules 8071 and 8011]
37. 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 District Rule 8011. [District Rules 8071 and 8011]
38. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
39. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

40. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-4-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

TRANSPORTABLE BULKING AGENT ROTARY DRUM TROMMEL SCREEN (SOUTH) POWERED BY AN ONBOARD 250 BHP TIER 3 CERTIFIED CATERPILLAR MODEL 3126B OR EQUIVALENT DIESEL-FIRED IC ENGINE

CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. Agricultural (Ag) Waste is vegetative crop residue, consisting of but not limited to: harvested trees, orchard and vineyard prunings, vegetable by-products from farming, residual fruits, vegetables, and other crop remains after usable crop is harvested. Agricultural waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
5. Bulking Agent is a constituent of the compost feedstock, consisting of Ag Waste and/or Green Waste. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a 'PERMIT TO OPERATE' will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services

C-6048-4-3: Jun 4 2012 2:54PM - CLEMENTB : Joint Inspection NOT Required

6. Green Waste is urban landscape waste, consisting of but not limited to: grass clippings, weeds, tree and shrub trimmings, wood waste, branches and stumps, home garden residues, and other plant remains. Green waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
7. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
8. Particulate matter emissions from the engine shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
9. 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]
10. Visible emissions from bulking agent screening shall not exceed 5% opacity. [District Rules 2201 and 4101]
11. Water sprays shall be used, as needed, to ensure visible emissions from bulking agent screening does not exceed 5% opacity. [District Rules 2201 and 4101]
12. The combined bulking agent screen throughput of units C-6048-3 and C-6048-4 shall not exceed either of the following limits: 3,800 ton/day or 80,000 wet-ton/year. [District Rule 2201]
13. Emissions from the bulking agent screening operation shall not exceed 0.003 lb-PM10/wet-ton. [District Rule 2201]
14. The combined amount of diesel fuel consumed by units C-6048-3 and C-6048-4 shall not exceed either of the following limits: 260 gal/day or 21,350 gal/year. [District Rule 2201]
15. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of diesel fuel combusted by the engine shall be installed, utilized, and maintained. [District Rules 2201 and 4702]
16. The permittee shall obtain APCO approval for the use of any equivalent engine not specifically approved by this Authority to Construct. Approval of an equivalent engine shall only be made after the APCO's determination that the submitted design and performance data for the proposed alternate engine are equivalent to the approved engine. [District Rule 2201]
17. The permittee's request for approval of an equivalent engine shall include, at minimum, the following information: CARB certification/executive order, engine manufacturer and model number, maximum power rating (bhp), and manufacturer's guaranteed emission factors. [District Rule 2201]
18. Alternate equipment shall be of the same class and category of source as the equipment authorized by the Authority to Construct. [District Rule 2201]
19. No emission factor and no emission rate shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201]
20. This engine shall not be operated at one location or site at the facility for more than 12 consecutive months. [District Rules 2201 and 4701, and 17 CCR 93116]
21. Emissions from the engine shall not exceed any of the following limits: 3.0 g-NO_x/bhp-hr, 2.6 g-CO/bhp-hr, or 0.15 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93116]
22. Emissions from this IC engine shall not exceed 0.149 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 17 CCR 93116]
23. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be consumed by the engine. [District Rules 2201 and 4801, and 17 CCR 93116]
24. The engine's exhaust stack(s) shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap, roof overhang, or any other obstruction. [District Rule 4102]
25. The engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]

CONDITIONS CONTINUE ON NEXT PAGE

26. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
27. The permittee shall maintain a daily engine operating log that includes all of the following information: date, quantity of fuel used, maintenance or modifications performed, monitoring data, records of operational characteristics monitoring, and any other information necessary to demonstrate compliance. [District Rules 2201 and 4702]
28. Permittee shall keep daily and annual records of the amount of bulking agent screened, in wet-tons. [District Rule 2201]
29. 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]
30. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
31. 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]
32. 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 or Rule 8011. [District Rule 8041]
33. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
34. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
35. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
36. 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 District Rule 8011. [District Rules 8071 and 8011]
37. 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 District Rule 8011. [District Rules 8071 and 8011]
38. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
39. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

40. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-5-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

TRANSPORTABLE BULKING AGENT GRINDER (NORTH) POWERED BY AN ONBOARD 1,050 BHP TIER 2 CERTIFIED CATERPILLAR MODEL 3412E OR EQUIVALENT DIESEL-FIRED IC ENGINE

CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. Agricultural (Ag) Waste is vegetative crop residue, consisting of but not limited to: harvested trees, orchard and vineyard prunings, vegetable by-products from farming, residual fruits, vegetables, and other crop remains after usable crop is harvested. Agricultural waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
5. Bulking Agent is a constituent of the compost feedstock, consisting of Ag Waste and/or Green Waste. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services

C-6048-5-3 : Jun 4 2012 2:54PM - CLEMENTB : Joint Inspection NOT Required

6. Green Waste is urban landscape waste, consisting of but not limited to: grass clippings, weeds, tree and shrub trimmings, wood waste, branches and stumps, home garden residues, and other plant remains. Green waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
7. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
8. Particulate matter emissions from the engine shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
9. 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]
10. Visible emissions from bulking agent grinding shall not exceed 5% opacity. [District Rules 2201 and 4101]
11. Water sprays shall be used, as needed, to ensure visible emissions from bulking agent grinding does not exceed 5% opacity. [District Rules 2201 and 4101]
12. The combined bulking agent grinding throughput of units C-6048-5 and C-6048-6 shall not exceed either of the following limits: 770 ton/day or 80,000 wet-ton/year. [District Rule 2201]
13. Emissions from the bulking agent grinding operation shall not exceed 0.003 lb-PM10/wet-ton. [District Rule 2201]
14. The combined amount of diesel fuel consumed by units C-6048-5 and C-6048-6 shall not exceed either of the following limits: 590 gal/day or 34,336 gal/year. [District Rule 2201]
15. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of diesel fuel combusted by the engine shall be installed, utilized, and maintained. [District Rules 2201 and 4702]
16. The permittee shall obtain APCO approval for the use of any equivalent engine not specifically approved by this Authority to Construct. Approval of an equivalent engine shall only be made after the APCO's determination that the submitted design and performance data for the proposed alternate engine are equivalent to the approved engine. [District Rule 2201]
17. The permittee's request for approval of an equivalent engine shall include, at minimum, the following information: CARB certification/executive order, engine manufacturer and model number, maximum power rating (bhp), and manufacturer's guaranteed emission factors. [District Rule 2201]
18. Alternate equipment shall be of the same class and category of source as the equipment authorized by the Authority to Construct. [District Rule 2201]
19. No emission factor and no emission rate shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201]
20. This engine shall not be operated at one location or site at the facility for more than 12 consecutive months. [District Rules 2201 and 4701, and 17 CCR 93116]
21. Emissions from the engine shall not exceed any of the following limits: 4.9 g-NO_x/bhp-hr, 2.6 g-CO/bhp-hr, or 0.25 g-VOC/bhp-hr. [District Rules 2201 and 4702 and 17 CCR 93116]
22. Emissions from this IC engine shall not exceed 0.149 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93116]
23. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be consumed by the engine. [District Rules 2201 and 4801, and 17 CCR 93116]
24. The engine's exhaust stack(s) shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap, roof overhang, or any other obstruction. [District Rule 4102]
25. The engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]

CONDITIONS CONTINUE ON NEXT PAGE

26. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
27. The permittee shall maintain a daily engine operating log that includes all of the following information: date, quantity of fuel used, maintenance or modifications performed, monitoring data, records of operational characteristics monitoring, and any other information necessary to demonstrate compliance. [District Rules 2201 and 4702]
28. Permittee shall keep daily and annual records of the amount of bulking agent ground, in wet-tons. [District Rule 2201]
29. 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]
30. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
31. 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]
32. 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 or Rule 8011. [District Rule 8041]
33. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
34. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
35. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
36. 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 District Rule 8011. [District Rules 8071 and 8011]
37. 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 District Rule 8011. [District Rules 8071 and 8011]
38. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
39. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

40. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-6-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

TRANSPORTABLE BULKING AGENT GRINDER (SOUTH) POWERED BY AN ONBOARD 1,050 BHP TIER 2 CERTIFIED CATERPILLAR MODEL 3412E OR EQUIVALENT DIESEL-FIRED IC ENGINE

CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. Agricultural (Ag) Waste is vegetative crop residue, consisting of but not limited to: harvested trees, orchard and vineyard prunings, vegetable by-products from farming, residual fruits, vegetables, and other crop remains after usable crop is harvested. Agricultural waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
5. Bulking Agent is a constituent of the compost feedstock, consisting of Ag Waste and/or Green Waste. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

C-6048-6-3 : Jun 4 2012 2:54PM - CLEMENTB - Joint Inspection NOT Required

6. Green Waste is urban landscape waste, consisting of but not limited to: grass clippings, weeds, tree and shrub trimmings, wood waste, branches and stumps, home garden residues, and other plant remains. Green waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
7. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
8. Particulate matter emissions from the engine shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
9. 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]
10. Visible emissions from bulking agent grinding shall not exceed 5% opacity. [District Rules 2201 and 4101]
11. Water sprays shall be used, as needed, to ensure visible emissions from bulking agent grinding does not exceed 5% opacity. [District Rules 2201 and 4101]
12. The combined bulking agent grinding throughput of units C-6048-5 and C-6048-6 shall not exceed either of the following limits: 770 ton/day or 80,000 wet-ton/year. [District Rule 2201]
13. Emissions from the bulking agent grinding operation shall not exceed 0.003 lb-PM10/wet-ton. [District Rule 2201]
14. The combined amount of diesel fuel consumed by units C-6048-5 and C-6048-6 shall not exceed either of the following limits: 590 gal/day or 34,336 gal/year. [District Rule 2201]
15. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of diesel fuel combusted by the engine shall be installed, utilized, and maintained. [District Rules 2201 and 4702]
16. The permittee shall obtain APCO approval for the use of any equivalent engine not specifically approved by this Authority to Construct. Approval of an equivalent engine shall only be made after the APCO's determination that the submitted design and performance data for the proposed alternate engine are equivalent to the approved engine. [District Rule 2201]
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18. Alternate equipment shall be of the same class and category of source as the equipment authorized by the Authority to Construct. [District Rule 2201]
19. No emission factor and no emission rate shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201]
20. This engine shall not be operated at one location or site at the facility for more than 12 consecutive months. [District Rules 2201 and 4701, and 17 CCR 93116]
21. Emissions from the engine shall not exceed any of the following limits: 4.9 g-NOx/bhp-hr, 2.6 g-CO/bhp-hr, or 0.25 g-VOC/bhp-hr. [District Rules 2201 and 4702 and 17 CCR 93116]
22. Emissions from this IC engine shall not exceed 0.149 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93116]
23. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be consumed by the engine. [District Rules 2201 and 4801, and 17 CCR 93116]
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25. The engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]

CONDITIONS CONTINUE ON NEXT PAGE

26. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
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29. 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]
30. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
31. 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]
32. 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 or Rule 8011. [District Rule 8041]
33. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
34. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
35. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
36. 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 District Rule 8011. [District Rules 8071 and 8011]
37. 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 District Rule 8011. [District Rules 8071 and 8011]
38. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
39. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

40. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-7-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA.

EQUIPMENT DESCRIPTION:

NORTH CO-COMPOSTING FEEDSTOCKS MIXING OPERATION IN AN ENCLOSED BUILDING SERVED BY BIOFILTER(S), INCLUDES 600 CUBIC YARD BIOSOLIDS RECEIVING/STORAGE CAPACITY; AND AN OUTDOOR CONVEYING OPERATION THAT INCLUDES FOUR COMPOST CONVEYOR TRAINS WITH A 209 CUBIC YARD TOTAL HOLDING CAPACITY

CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. Agricultural (Ag) Waste is vegetative crop residue, consisting of but not limited to: harvested trees, orchard and vineyard prunings, vegetable by-products from farming, residual fruits, vegetables, and other crop remains after usable crop is harvested. Agricultural waste does not include manure or biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services

C-6048-7-3 : Jun 1 2012 2:54PM - CLEMENTB : Joint Inspection NOT Required

5. Biosolids are the solid, semisolid, or liquid material obtained from wastewater, often used as fertilizer. Biosolids include, but are not limited to animal manure, treated domestic septage and scum or solids removed in primary, secondary, or advanced wastewater treatment processes. Biosolids do not include ash or grit and screenings generated during the preliminary treatment of domestic sewage in a treatment works. [District Rule 2201]
6. Bulking Agent is a constituent of the compost feedstock, consisting of Ag Waste and/or Green Waste. [District Rule 2201]
7. Compost Material consists of Bulking Agent, Biosolids, Active-Phase Compost, Maturation-Phase Compost, Curing-Phase Compost, or any combination thereof. [District Rule 2201]
8. Feedstocks are composting raw materials, including Bulking Agents (Ag Waste and Green Waste) and Biosolids. [District Rule 2201]
9. Green Waste is urban landscape waste, consisting of but not limited to: grass clippings, weeds, tree and shrub trimmings, wood waste, branches and stumps, home garden residues, and other plant remains. Green waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
10. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
11. 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]
12. The total quantity of biosolids received at this facility shall not exceed either of the following limits: 4,200 wet ton/day or 500,000 wet ton/year. [District Rule 2201 and California Environmental Quality Act]
13. All VOC and NH₃ emissions generated inside the mixing building shall be vented to the mixing building biofilter(s). [District Rule 2201]
14. The VOC and NH₃ control efficiencies across the biofilter shall not be less than 80% and 90% respectively. [District Rule 2201]
15. Facility-wide Compost Material emissions shall not exceed either of the following limits: 882.5 lb-VOC/day or 4,246.5 lb-NH₃/day. [District Rule 2201]
16. Facility-wide Compost Material emissions shall not exceed either of the following limits: 184,972 lb-VOC/year or 1,545,771 lb-NH₃/year. [District Rule 2201]
17. 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]
18. The exhaust duct(s) to each biofilter shall be equipped with safe, accessible, permanent provisions to allow collection of gas samples consistent with applicable test methods. [District Rule 1081]
19. Source testing for VOC and NH₃ on one District approved mixing building biofilter inlet shall be performed using SCAQMD methods 25.3, 207.1, 1.1, 1.2, 2.1, 2.2, 2.3, 3.1 and 4.1, and/or other District approved methods. Source testing at the biofilter outlet (or surface) shall be performed using the EPA Flux Chamber Method, SCAQMD methods 25.3 and 207.1, and/or other District approved methods. [District Rule 2201]
20. Source testing at the stored biosolids surface shall be performed using the EPA Flux Chamber Method, SCAQMD methods 25.3 and 207.1, and/or other District approved methods. [District Rule 2201]
21. Initial source testing shall be performed no sooner than 90 days, but no later than 270 days after operation commences (first mixing of Feedstocks). Source testing shall be conducted every 15 months. After demonstrating compliance on two consecutive source tests, the source test frequency shall be not less than once every 27 months. If the result of the 27-month source test demonstrates non-compliance, the source testing frequency shall revert to at least once every 15 months. Successive source testing shall be conducted during each season of the year (e.g. 1st test: Spring, 2nd test: Summer, 3rd test: Fall, 4th test: Winter, 5th test: Spring, etc). [District Rule 2201]
22. District approved independent testing lab(s) shall perform the source testing. [District Rule 2201]

23. All source testing shall take place under conditions considered representative of normal source operation. [District Rule 2201]
24. For biofilter source test purposes, each tested biofilter shall be divided into 16 areas and preliminary velocity measurements will be made at each of the 16 areas with sampling points located as far as practical in the middle of each zone. Nine sampling locations with the airflow rates within 10% of the average will be selected for VOC and NH₃ sampling. The preliminary velocity measurements shall be done using SCAQMD methods 1.1, 1.2, 2.1, 2.2 and 2.3. [District Rule 2201]
25. For stored biosolids source test purposes, the biosolids storage shall be divided into 16 areas with the sampling and measuring points located as far as practical in the middle of each area. Nine sampling and measuring locations with representative, average airflow rates will be selected for VOC and NH₃ sampling. [District Rule 2201]
26. The source test summary shall include the VOC and NH₃ mass emission rates (lb-pollutant/hr) from the mixing building biofilter(s), the VOC and NH₃ control efficiencies for each tested mixing building biofilter, VOC and NH₃ mass emission rates (lb-pollutant/yr³-hr) from the stored biosolids, and the volume (yd³) and density (ton/yr³) of each type of feedstock in the mixing building during testing. [District Rule 2201]
27. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
28. Within 60 days after operation commences (first mixing of Feedstocks), the permittee shall submit mixing building monitoring plans to the District. The plans shall include, but are not limited to: (1) portable analyzer specifications and sampling protocol, (2) portable analyzer operation and calibration standards, (3) the locations where VOC emissions will be sampled with the portable analyzer(s), (4) the protocol to establish the background VOC and levels, and (5) the protocol to establish the building's VOC capture efficiency. [District Rule 2201]
29. Within 60 days after operation commences (first mixing of Feedstocks), the permittee shall submit biofilter monitoring plans to the District. The plans shall include, but are not limited to: (1) portable analyzer specifications and sampling protocol, (2) portable analyzer operation and calibration standards, (3) the locations where VOC and NH₃ emissions will be sampled with the portable analyzer(s), (4) the protocol to establish the background VOC and NH₃ levels, (5) the protocol to establish the correlation between the portable analyzer measurements and the source test results, and (6) the monitoring plan if no correlation between the portable analyzer measurements and source test results can be made. [District Rule 2201]
30. The portable analyzer(s) shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations. [District Rule 2201]
31. No measurable increase over background levels of VOC outside the mixing building shall occur at any mixing building opening including any opening that occurs briefly for access or maintenance. [District Rule 2201]
32. VOC emissions to verify the capture efficiency of the mixing building shall be measured according to the approved monitoring plan within 60 days after District approval of the mixing building monitoring plan, and once every 24 months thereafter. [District Rule 2201]
33. The permittee shall measure the concentrations of VOC and NH₃ emissions from the mixing building biofilter surfaces according to the approved monitoring plan during the initial source test and at least once every month thereafter. [District Rule 2201]
34. If either the VOC or NH₃ concentrations, as measured by the portable analyzer(s), exceed the allowable emission limits, the permittee shall notify the District within the 24 hours and submit a plan of action to return the emissions to their normal levels. 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 the performing the notification and testing required by this condition. [District Rule 2201]
35. All biofilter(s) shall be equipped with an operational humidification and moisture addition system capable of maintaining suitable biofilter media moisture content. [District Rule 2201]
36. The biofilter(s) humidifier and sprinkler systems shall be used as needed to maintain biofilter media moisture content within a suitable operating range. [District Rule 2201]
37. The biofilter(s) shall be visually checked weekly for compaction, channeling (cracks), unreasonable vegetative growth or noticeable increase in detectable odors. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

38. The permittee shall keep daily and annual records of the facility-wide Compost Materials VOC and NH₃ emissions (lb-pollutant/day and lb-pollutant/year) based on the following equation: Facility-Wide Compost Materials Emissions = Outdoor Bulking Agent Emissions (C-6048-1 and C-6048-2) + Indoor Biosolids Receiving/Storage Emissions (C-6048-7 and C-6048-8) + Indoor Feedstocks Mixing Emissions (C-6048-7 and C-6048-8) + Outdoor Compost Conveying Emissions (C-6048-7 and C-6048-8) + Compost Piles Emissions (C-6048-19). [District Rule 2201]
39. The permittee shall keep daily records of the total VOC and NH₃ emissions from Biosolids Receiving/Storage, based on the following equation: Biosolids emissions (lb/day) = Biosolids throughput (ton) x (1 - Mixing Building Biofilter Control Efficiency) x Uncontrolled Biosolids Emission Factor (lb/ton-day). [District Rule 2201]
40. The permittee shall keep daily records of the total VOC and NH₃ emissions from Indoor Feedstocks Mixing, based on the following equation: Indoor Feedstocks Mixing (lb/day) = Uncontrolled Active-Phase Emission Factor (lb/yd³-hr) x (1 - Mixing Building Biofilter Control Efficiency) x Daily Mixing Average Volume (yd³) x Operating Schedule (hr/day). [District Rule 2201]
41. The permittee shall keep daily records of the total VOC and NH₃ emissions from Outdoor Compost Conveying, based on the following equation: Outdoor Compost Conveying Emissions (lb/day) = Uncontrolled Active-Phase Emission Factor (lb/yd³-hr) x 209 yd³ conveyor capacity x 24 hr/day. [District Rule 2201]
42. Until the first source test results are available, the Uncontrolled Active-Phase Emission Factors are 2.12 E-4 lb-VOC/yd³-hr and 2.30 E-4 lb-NH₃/yd³-hr, the Uncontrolled Biosolids Emission Factors are 0.02 lb-VOC/ton-day and 9.54 E-3 lb-NH₃/ton-day, and the Biofilter Control Efficiencies for VOC and NH₃ are 40% and 45% respectively. [District Rule 2201]
43. The Emission Factors utilized in the emissions equations shall be the average numbers from the latest source test during that season (i.e. emissions calculations during the Summer shall be based on the latest Summer source test). The Uncontrolled Active-Phase Emission Factors utilized in the emissions equations shall be established according to permit unit C-6048-19. All source test results shall be submitted to the District for approval of the Emission Factors. [District Rule 2201]
44. The permittee shall maintain records of: (1) the date and time of VOC and NH₃ monitoring measurements, (2) make and model of the portable analyzer(s), (3) portable analyzer calibration records, (4) a description of any corrective action taken to maintain the emissions within the acceptable range, and (5) mixing building Capture Efficiency. [District Rule 2201]
45. The permittee shall submit all mixing building Capture Efficiency monitoring results to the District for approval. [District Rule 2201]
46. The permittee shall keep monthly records of visual biofilter inspections and actions taken to correct compaction, channeling, unreasonable vegetative growth or a noticeable increase in odors, including date of inspection and date actions were taken to correct problem(s). [District Rule 2201]
47. 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]
48. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
49. 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]
50. 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 or Rule 8011. [District Rule 8041]
51. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]

CONDITIONS CONTINUE ON NEXT PAGE

52. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
53. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
54. 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 District Rule 8011. [District Rules 8071 and 8011]
55. 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 District Rule 8011. [District Rules 8071 and 8011]
56. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
57. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]
58. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-8-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

SOUTH CO-COMPOSTING FEEDSTOCKS MIXING OPERATION IN AN ENCLOSED BUILDING SERVED BY BIOFILTER(S), INCLUDES 600 CUBIC YARD BIOSOLIDS RECEIVING/STORAGE CAPACITY; AND AN OUTDOOR CONVEYING OPERATION THAT INCLUDES FOUR COMPOST CONVEYOR TRAINS WITH A 209 CUBIC YARD TOTAL HOLDING CAPACITY

CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. Agricultural (Ag) Waste is vegetative crop residue, consisting of but not limited to: harvested trees, orchard and vineyard prunings, vegetable by-products from farming, residual fruits, vegetables, and other crop remains after usable crop is harvested. Agricultural waste does not include manure or biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services

C-6048-8-3 : Jun 4 2012 2:54PM - CLEMENTB : Joint Inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061

5. Biosolids are the solid, semisolid, or liquid material obtained from wastewater, often used as fertilizer. Biosolids include, but are not limited to animal manure, treated domestic septage and scum or solids removed in primary, secondary, or advanced wastewater treatment processes. Biosolids do not include ash or grit and screenings generated during the preliminary treatment of domestic sewage in a treatment works. [District Rule 2201]
6. Bulking Agent is a constituent of the compost feedstock, consisting of Ag Waste and/or Green Waste. [District Rule 2201]
7. Compost Material consists of Bulking Agent, Biosolids, Active-Phase Compost, Maturation-Phase Compost, Curing-Phase Compost, or any combination thereof. [District Rule 2201]
8. Feedstocks are composting raw materials, including Bulking Agents (Ag Waste and Green Waste) and Biosolids. [District Rule 2201]
9. Green Waste is urban landscape waste, consisting of but not limited to: grass clippings, weeds, tree and shrub trimmings, wood waste, branches and stumps, home garden residues, and other plant remains. Green waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
10. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
11. 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]
12. The total quantity of biosolids received at this facility shall not exceed either of the following limits: 4,200 wet ton/day or 500,000 wet ton/year. [District Rule 2201 and California Environmental Quality Act]
13. All VOC and NH₃ emissions generated inside the mixing building shall be vented to the mixing building biofilter(s). [District Rule 2201]
14. The VOC and NH₃ control efficiencies across the biofilter shall not be less than 80% and 90% respectively. [District Rule 2201]
15. Facility-wide Compost Material emissions shall not exceed either of the following limits: 882.5 lb-VOC/day or 4,246.5 lb-NH₃/day. [District Rule 2201]
16. Facility-wide Compost Material emissions shall not exceed either of the following limits: 184,972 lb-VOC/year or 1,545,771 lb-NH₃/year. [District Rule 2201]
17. 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]
18. The exhaust duct(s) to each biofilter shall be equipped with safe, accessible, permanent provisions to allow collection of gas samples consistent with applicable test methods. [District Rule 1081]
19. Source testing for VOC and NH₃ on one District approved mixing building biofilter inlet shall be performed using SCAQMD methods 25.3, 207.1, 1.1, 1.2, 2.1, 2.2, 2.3, 3.1 and 4.1, and/or other District approved methods. Source testing at the biofilter outlet (or surface) shall be performed using the EPA Flux Chamber Method, SCAQMD methods 25.3 and 207.1, and/or other District approved methods. [District Rule 2201]
20. Source testing at the stored biosolids surface shall be performed using the EPA Flux Chamber Method, SCAQMD methods 25.3 and 207.1, and/or other District approved methods. [District Rule 2201]
21. Initial source testing shall be performed no sooner than 90 days, but no later than 270 days after operation commences (first mixing of Feedstocks). Source testing shall be conducted every 15 months. After demonstrating compliance on two consecutive source tests, the source test frequency shall be not less than once every 27 months. If the result of the 27-month source test demonstrates non-compliance, the source testing frequency shall revert to at least once every 15 months. Successive source testing shall be conducted during each season of the year (e.g. 1st test: Spring, 2nd test: Summer, 3rd test: Fall, 4th test: Winter, 5th test: Spring, etc). [District Rule 2201]
22. District approved independent testing lab(s) shall perform the source testing. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

23. All source testing shall take place under conditions considered representative of normal source operation. [District Rule 2201]
24. For biofilter source test purposes, each tested biofilter shall be divided into 16 areas and preliminary velocity measurements will be made at each of the 16 areas with sampling points located as far as practical in the middle of each zone. Nine sampling locations with the airflow rates within 10% of the average will be selected for VOC and NH₃ sampling. The preliminary velocity measurements shall be done using SCAQMD methods 1.1, 1.2, 2.1, 2.2 and 2.3. [District Rule 2201]
25. For stored biosolids source test purposes, the biosolids storage shall be divided into 16 areas with the sampling and measuring points located as far as practical in the middle of each area. Nine sampling and measuring locations with representative, average airflow rates will be selected for VOC and NH₃ sampling. [District Rule 2201]
26. The source test summary shall include the VOC and NH₃ mass emission rates (lb-pollutant/hr) from the mixing building biofilter(s), the VOC and NH₃ control efficiencies for each tested mixing building biofilter, VOC and NH₃ mass emission rates (lb-pollutant/yd³-hr) from the stored biosolids, and the volume (yd³) and density (ton/yd³) of each type of feedstock in the mixing building during testing. [District Rule 2201]
27. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
28. Within 60 days after operation commences (first mixing of Feedstocks), the permittee shall submit mixing building monitoring plans to the District. The plans shall include, but are not limited to: (1) portable analyzer specifications and sampling protocol, (2) portable analyzer operation and calibration standards, (3) the locations where VOC emissions will be sampled with the portable analyzer(s), (4) the protocol to establish the background VOC and levels, and (5) the protocol to establish the building's VOC capture efficiency. [District Rule 2201]
29. Within 60 days after operation commences (first mixing of Feedstocks), the permittee shall submit biofilter monitoring plans to the District. The plans shall include, but are not limited to: (1) portable analyzer specifications and sampling protocol, (2) portable analyzer operation and calibration standards, (3) the locations where VOC and NH₃ emissions will be sampled with the portable analyzer(s), (4) the protocol to establish the background VOC and NH₃ levels, (5) the protocol to establish the correlation between the portable analyzer measurements and the source test results, and (6) the monitoring plan if no correlation between the portable analyzer measurements and source test results can be made. [District Rule 2201]
30. The portable analyzer(s) shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations. [District Rule 2201]
31. No measurable increase over background levels of VOC outside the mixing building shall occur at any mixing building opening including any opening that occurs briefly for access or maintenance. [District Rule 2201]
32. VOC emissions to verify the capture efficiency of the mixing building shall be measured according to the approved monitoring plan within 60 days after District approval of the mixing building monitoring plan, and once every 24 months thereafter. [District Rule 2201]
33. The permittee shall measure the concentrations of VOC and NH₃ emissions from the mixing building biofilter surfaces according to the approved monitoring plan during the initial source test and at least once every month thereafter. [District Rule 2201]
34. If either the VOC or NH₃ concentrations, as measured by the portable analyzer(s), exceed the allowable emission limits, the permittee shall notify the District within the 24 hours and submit a plan of action to return the emissions to their normal levels. 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 the performing the notification and testing required by this condition. [District Rule 2201]
35. All biofilter(s) shall be equipped with an operational humidification and moisture addition system capable of maintaining suitable biofilter media moisture content. [District Rule 2201]
36. The biofilter(s) humidifier and sprinkler systems shall be used as needed to maintain biofilter media moisture content within a suitable operating range. [District Rule 2201]
37. The biofilter(s) shall be visually checked weekly for compaction, channeling (cracks), unreasonable vegetative growth or noticeable increase in detectable odors. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

38. The permittee shall keep daily and annual records of the facility-wide Compost Materials VOC and NH₃ emissions (lb-pollutant/day and lb-pollutant/year) based on the following equation: Facility-Wide Compost Materials Emissions = Outdoor Bulking Agent Emissions (C-6048-1 and C-6048-2) + Indoor Biosolids Receiving/Storage Emissions (C-6048-7 and C-6048-8) + Indoor Feedstocks Mixing Emissions (C-6048-7 and C-6048-8) + Outdoor Compost Conveying Emissions (C-6048-7 and C-6048-8) + Compost Piles Emissions (C-6048-19). [District Rule 2201]
39. The permittee shall keep daily records of the total VOC and NH₃ emissions from Biosolids Receiving/Storage, based on the following equation: Biosolids emissions (lb/day) = Biosolids throughput (ton) x (1 - Mixing Building Biofilter Control Efficiency) x Uncontrolled Biosolids Emission Factor (lb/ton-day). [District Rule 2201]
40. The permittee shall keep daily records of the total VOC and NH₃ emissions from Indoor Feedstocks Mixing, based on the following equation: Indoor Feedstocks Mixing (lb/day) = Uncontrolled Active-Phase Emission Factor (lb/yd³-hr) x (1 - Mixing Building Biofilter Control Efficiency) x Daily Mixing Average Volume (yd³) x Operating Schedule (hr/day). [District Rule 2201]
41. The permittee shall keep daily records of the total VOC and NH₃ emissions from Outdoor Compost Conveying, based on the following equation: Outdoor Compost Conveying Emissions (lb/day) = Uncontrolled Active-Phase Emission Factor (lb/yd³-hr) x 209 yd³ conveyor capacity x 24 hr/day. [District Rule 2201]
42. Until the first source test results are available, the Uncontrolled Active-Phase Emission Factors are 2.12 E-4 lb-VOC/yd³-hr and 2.30 E-4 lb-NH₃/yd³-hr, the Uncontrolled Biosolids Emission Factors are 0.02 lb-VOC/ton-day and 9.54 E-3 lb-NH₃/ton-day, and the Biofilter Control Efficiencies for VOC and NH₃ are 40% and 45% respectively. [District Rule 2201]
43. The Emission Factors utilized in the emissions equations shall be the average numbers from the latest source test during that season (i.e. emissions calculations during the Summer shall be based on the latest Summer source test). The Uncontrolled Active-Phase Emission Factors utilized in the emissions equations shall be established according to permit unit C-6048-19. All source test results shall be submitted to the District for approval of the Emission Factors. [District Rule 2201]
44. The permittee shall maintain records of: (1) the date and time of VOC and NH₃ monitoring measurements, (2) make and model of the portable analyzer(s), (3) portable analyzer calibration records, (4) a description of any corrective action taken to maintain the emissions within the acceptable range, and (5) mixing building Capture Efficiency. [District Rule 2201]
45. The permittee shall submit all mixing building Capture Efficiency monitoring results to the District for approval. [District Rule 2201]
46. The permittee shall keep monthly records of visual biofilter inspections and actions taken to correct compaction, channeling, unreasonable vegetative growth or a noticeable increase in odors, including date of inspection and date actions were taken to correct problem(s). [District Rule 2201]
47. 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]
48. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
49. 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]
50. 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 or Rule 8011. [District Rule 8041]
51. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]

CONDITIONS CONTINUE ON NEXT PAGE

52. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
53. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
54. 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 District Rule 8011. [District Rules 8071 and 8011]
55. 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 District Rule 8011. [District Rules 8071 and 8011]
56. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
57. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]
58. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-9-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

TWO COMPOST ROTARY DRUM TROMMEL SCREENS (NORTH) POWERED BY AN ELECTRIC MOTOR


CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. 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]
6. Water sprays shall be used, as needed, to ensure visible emissions from the compost screening does not exceed 5% opacity. [District Rules 2201 and 4101]
7. The combined compost screen throughput of units C-6048-9 and C-6048-10 shall not exceed either of the following limits: 7,300 wet ton/day or 1,300,000 wet ton/year. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services
C-6048-9-3: Jun 4 2012 2:54PM - CLEMENTB : Joint Inspection NOT Required

8. Emissions from the compost transfer and screening operation shall not exceed 0.0005 lb-PM10/wet ton. [District Rule 2201]
9. The permittee shall keep daily and annual records of the amount of compost screened, in wet tons. [District Rule 2201]
10. 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]
11. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
12. 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]
13. 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 or Rule 8011. [District Rule 8041]
14. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
15. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
16. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
17. 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 District Rule 8011. [District Rules 8071 and 8011]
18. 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 District Rule 8011. [District Rules 8071 and 8011]
19. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
20. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]
21. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-10-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

TWO COMPOST ROTARY DRUM TROMMEL SCREENS (SOUTH) POWERED BY AN ELECTRIC MOTOR

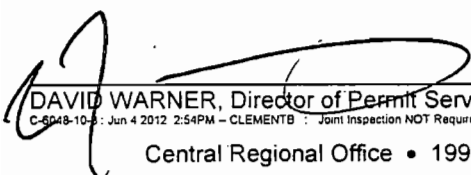
CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. 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]
6. Water sprays shall be used, as needed, to ensure visible emissions from the compost screening does not exceed 5% opacity. [District Rules 2201 and 4101]
7. The combined compost screen throughput of units C-6048-9 and C-6048-10 shall not exceed either of the following limits: 7,300 wet ton/day or 1,300,000 wet ton/year. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO



DAVID WARNER, Director of Permit Services
C-6048-10-3 : Jun 4 2012 2:54PM - CLEMENTB : Joint Inspection NOT Required

8. Emissions from the compost transfer and screening operation shall not exceed 0.0005 lb-PM10/wet ton. [District Rule 2201]
9. The permittee shall keep daily and annual records of the amount of compost screened, in wet tons. [District Rule 2201]
10. 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]
11. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
12. 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]
13. 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 or Rule 8011. [District Rule 8041]
14. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
15. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
16. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
17. 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 District Rule 8011. [District Rules 8071 and 8011]
18. 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 District Rule 8011. [District Rules 8071 and 8011]
19. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
20. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]
21. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-19-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

CO-COMPOSTING OPERATION INCLUDING ACTIVE-PHASE, MATURATION PHASE AND CURING-PHASE POSITIVE AERATED COMPOST PILES ALL WITH GORE COVERS

CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. Agricultural (Ag) Waste is vegetative crop residue, consisting of but not limited to: harvested trees, orchard and vineyard prunings, vegetable by-products from farming, residual fruits, vegetables, and other crop remains after usable crop is harvested. Agricultural waste does not include manure or biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
5. Biosolids are the solid, semisolid, or liquid material obtained from wastewater, often used as fertilizer. Biosolids include, but are not limited to animal manure, treated domestic septage and scum or solids removed in primary, secondary, or advanced wastewater treatment processes. Biosolids do not include ash or grit and screenings generated during the preliminary treatment of domestic sewage in a treatment works. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services

C-6048-19-3 : Jun 4 2012 2:54PM - CLEMENTB : Joint Inspection NOT Required

6. Bulking Agent is a constituent of the compost feedstock, consisting of Ag Waste and/or Green Waste. [District Rule 2201]
7. Compost Material consists of Bulking Agent, Biosolids, Active-Phase Compost, Maturation-Phase Compost, Curing-Phase Compost, or any combination thereof. [District Rule 2201]
8. Feedstocks are composting raw materials, including Bulking Agents (Ag Waste and Green Waste) and Biosolids. [District Rule 2201]
9. Green Waste is urban landscape waste, consisting of but not limited to: grass clippings, weeds, tree and shrub trimmings, wood waste, branches and stumps, home garden residues, and other plant remains. Green waste does not include manure or Biosolids, processed residues from canneries, wineries, or other industrial sources. [District Rule 2201]
10. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
11. Facility-wide Compost Material emissions shall not exceed either of the following limits: 882.5 lb-VOC/day or 4,246.5 lb-NH₃/day. [District Rule 2201]
12. Facility-wide Compost Material emissions shall not exceed either of the following limits: 184,972 lb-VOC/year or 1,545,771 lb-NH₃/year. [District Rule 2201]
13. All compost shall meet at least one of the following stability criteria prior to leaving the cure-phase piles: 1) The compost emits no more than four (4) mg CO₂-C per gram of organic material per day (per TMECC Method 05-08-B), 2) The compost has a Solvita Maturity Index of 7 or greater (per TMECC Method 05-08-E), or 3) The material has been composted at least 40 consecutive calendar days after the active-phase composting period. [District Rules 2201 and 4565]
14. All piles shall be covered with a waterproof covering (GORE cover) within 3 hours after the pile is constructed. [District Rules 2201 and 4565]
15. Until the first source tests are available, the facility shall compost no more than 25% of its capacity. [District Rule 2201]
16. 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]
17. Source testing for VOC and NH₃ emissions shall be performed on at least one District-approved compost pile from each phase (active, maturation, and curing). Source testing at the pile surface (uncontrolled) and cover surface (controlled) shall be performed using the EPA Flux Chamber Method, SCAQMD methods 25.3 and 207.1, and/or other District approved methods. [District Rules 2201 and 4565]
18. Initial source testing shall be performed no sooner than 90 days, but no later than 270 days after operation commences (first mixing of Feedstocks). Source testing shall be conducted every 15 months. After demonstrating compliance on two consecutive source tests, the source test frequency shall be not less than once every 27 months. If the result of the 27-month source test demonstrates non-compliance, the source testing frequency shall revert to at least once every 15 months. Successive source testing shall be conducted during each season of the year (e.g. 1st test: Spring, 2nd test: Summer, 3rd test: Fall, 4th test: Winter, 5th test: Spring, etc). [District Rules 2201 and 4565]
19. For compost pile source test purposes, each tested pile shall be divided into 16 areas with the sampling and measuring points located as far as practical in the middle of each area. Nine sampling and measuring locations with representative, average airflow rates will be selected for VOC and NH₃ sampling for each pile surface. [District Rules 2201 and 4565]
20. District approved independent testing lab(s) shall perform the source testing. [District Rules 2201 and 4565]
21. All source testing shall take place under conditions considered representative of normal source operation. [District Rules 2201 and 4565]
22. The source test summary shall include the following Active-Phase flux emission factors for VOC and NH₃ (in lb/ft²-min and lb/yd³-min of Compost): Active-Phase pile surface (uncontrolled), and Active-Phase cover surface (controlled). [District Rules 2201 and 4565]

CONDITIONS CONTINUE ON NEXT PAGE

23. The source test summary shall include the following Mature-Phase flux emission factors for VOC and NH₃ (in lb/ft²-min and lb/yd³-min of Compost): Mature-Phase pile surface (uncontrolled), and Mature-Phase cover surface (controlled). [District Rules 2201 and 4565]
24. The source test summary shall include the following Cure-Phase flux emission factors for VOC and NH₃ (in lb/ft²-min and lb/yd³-min of Compost): Cure-Phase pile surface (uncontrolled), and Cure-Phase cover surface (controlled). [District Rules 2201 and 4565]
25. The source test summary shall include the following for VOC and NH₃ emissions: The total controlled compost mass emission rates (lb/day) and the density of each tested pile (ton/yd³). [District Rules 2201 and 4565]
26. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
27. The permittee shall conduct maintenance inspections of the cover each time a cover is placed on a compost pile. Any tears or other abnormalities in the cover that could jeopardize the ability of the cover to act as an air pollution control device shall be repaired immediately or the cover shall be replaced. The permittee shall conduct an inspection of the blower and air distribution system prior to commencing construction of a compost pile. Any abnormalities that impact the ability of the air distribution system to provide air to the compost pile shall be repaired prior to constructing the pile. [District Rules 2201 and 4565]
28. Within 60 days after operation commences (first mixing of Feedstocks), the permittee shall submit compost pile monitoring plans to the District. The plans shall include, but are not limited to: (1) portable analyzer specifications and sampling protocol, (2) portable analyzer operation and and calibration standards, (3) the locations where VOC and NH₃ emissions will be sampled with the portable analyzer(s), (4) the protocol to establish the background VOC and NH₃ levels, (5) the protocol to establish the correlation between the portable analyzer measurements and the source test results, and (6) the monitoring plan if no correlation between the portable analyzer measurements and source test results can be made. [District Rules 2201 and 4565]
29. The portable analyzer(s) shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations. [District Rules 2201 and 4565]
30. The permittee shall measure the concentrations of VOC and NH₃ emissions from the compost pile surfaces according to the approved monitoring plan during the initial source test and at least once every month thereafter. [District Rules 2201 and 4565]
31. If either the VOC or NH₃ concentrations, as measured by the portable analyzer(s), exceed the allowable emission limits, the permittee shall notify the District within the 24 hours and submit a plan of action to return the emissions to their normal levels. 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 the performing the notification requirements of this condition. [District Rules 2201 and 4565]
32. The permittee shall keep daily and annual records of the facility-wide Compost Materials VOC and NH₃ emissions (lb-pollutant/day and lb-pollutant/year) based on the following equation: Facility-Wide Compost Materials Emissions = Outdoor Bulking Agent Emissions (C-6048-1 and C-6048-2) + Indoor Biosolids Receiving/Storage Emissions (C-6048-7 and C-6048-8) + Indoor Feedstocks Mixing Emissions (C-6048-7 and C-6048-8) + Outdoor Compost Conveying Emissions (C-6048-7 and C-6048-8) + Compost Piles Emissions (C-6048-19). [District Rule 2201]
33. The permittee shall keep daily records of the VOC and NH₃ emissions from the Compost Piles (Active + Mature + Curing Phases), based on the following equation: Compost Piles Emissions (lb/day) = 60 min/hr x 24 hr/day [(Total Active-Phase Controlled Compost Emission Factor (lb/yd³ min) x Total Active-Phase Piles Volume (yd³)) + (Total Mature-Phase Controlled Compost Emission Factor (lb/yd³ min) x Total Mature-Phase Piles Volume (yd³)) + (Total Cure-Phase Controlled Compost Emission Factor (lb/yd³ min) x Total Cure-Phase Piles Volume (yd³))]. [District Rule 2201]
34. When available, the Emission Factors utilized in the emissions equations shall be the average numbers from the latest source test during that season (i.e. emissions calculations during the Summer shall be based on the latest Summer source test). All source test results shall be submitted to the District for approval of the Emission Factors. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

35. Until the first source tests are available, the permittee shall maintain records of the composting throughput to assure the facility is composting no more than 25% of its capacity. Composting at 25% of capacity or less is considered a compliance method for the mass emission limits of this permit. [District Rule 2201]
36. The permittee shall maintain records of: (1) the date and time of VOC and NH₃ monitoring measurements, (2) make and model of the portable analyzer(s), (3) portable analyzer calibration records, and (4) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 2201 and 4565]
37. The permittee shall keep records to verify all finished compost meets the required stability criteria. [District Rules 2201 and 4565]
38. 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 Rules 1070 and 4565]
39. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
40. 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]
41. 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 or Rule 8011. [District Rule 8041]
42. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
43. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
44. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
45. 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 District Rule 8011. [District Rules 8071 and 8011]
46. 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 District Rule 8011. [District Rules 8071 and 8011]
47. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
48. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

49. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-20-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

FINISHED COMPOST TRUCK LOADOUT OPERATIONS (NORTH AND SOUTH)

CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Visible emissions from the compost loadout operation shall not exceed 5% opacity. [District Rules 2201 and 4101]
6. Water sprays shall be used, as needed, to ensure visible emissions from the compost loadout operation does not exceed 5% opacity. [District Rules 2201 and 4101]
7. The compost loadout throughput of this facility shall not exceed either of the following limits: 7,400 wet-ton/day or 900,000 wet-ton/year. [District Rule 2201]
8. Emissions from the compost loadout operation shall not exceed 0.0003 lb-PM10/wet-ton. [District Rule 2201]
9. Permittee shall keep daily and annual records of the amount of compost loaded out, in wet-tons. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

C-6048-20-3 : Jun 4 2012 2:54PM - CLEMENTS : Joint Inspection NOT Required

10. 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]
11. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
12. 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]
13. 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 or Rule 8011. [District Rule 8041]
14. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
15. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
16. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
17. 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 District Rule 8011. [District Rules 8071 and 8011]
18. 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 District Rule 8011. [District Rules 8071 and 8011]
19. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
20. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]
21. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-21-3

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

GASOLINE DISPENSING OPERATION WITH ONE 1,000 GALLON CONVAULT ABOVEGROUND STORAGE TANK SERVED BY TWO-POINT PHASE I VAPOR RECOVERY SYSTEM, AND 1 FUELING POINT WITH 1 GASOLINE DISPENSING NOZZLE SERVED BY BALANCE PHASE II VAPOR RECOVERY SYSTEM (G-70-116-F)

CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. The Phase I and Phase II vapor recovery systems shall be installed and maintained in accordance with the manufacturer specifications and the ARB Executive Orders specified in this permit, including applicable rules and regulations of the Division of Measurement Standards of the Department of Food and Agriculture, the Office of the State Fire Marshal of the Department of Forestry and Fire Protection, the Division of Occupational Safety and Health of the Department of Industrial Relations, and the Division of Water Quality of the State Water Resources Control Board that have been made conditions of the certification. [District Rules 4621 and 4622]
5. This gasoline storage and dispensing equipment shall not be used in retail sales, where gasoline dispensed by the unit is subject to payment of California sales tax on gasoline sales. [District Rule 4622]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services
C-6048-21-3 Jun 4 2012 2:54PM - CLEMENTB Joint Inspection NOT Required

6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The storage container(s) shall be installed, maintained, and operated such that they are leak-free. [District Rule 4621]
8. The permittee shall have all underground storage container installations and all underground piping configurations inspected by the APCO prior to backfilling. The permittee shall notify the District by telephone or other District-approved method and obtain a confirmation number at least three business days prior to the backfilling. [District Rules 4621 and 4622]
9. The Phase I and Phase II vapor recovery systems and gasoline dispensing equipment shall be maintained without leaks as determined in accordance with the test method specified in this permit. [District Rules 4621 and 4622]
10. A leak is defined as the dripping of VOC-containing liquid at a rate of more than three (3) drops per minute, or the detection of any gaseous or vapor emissions with a concentration of total organic compound greater than 10,000 ppmv, as methane, above background when measured in accordance with EPA Test Method 21. [District Rules 4621 and 4622]
11. No gasoline delivery vessel shall be operated or be allowed to operate unless valid State of California decals are displayed on the cargo container, which attest to the vapor integrity of the container. [District Rule 4621]
12. No person shall operate any ARB certified Phase II vapor recovery system or any portion thereof that has a major defect or an equipment defect that is identified in any applicable ARB Executive Order until the following conditions have been met: 1) the defect has been repaired, replaced, or adjusted as necessary to correct the defect; 2) the District has been notified, and the District has reinspected the system or authorized the system for use (such authorization shall not include the authority to operate the equipment prior to the correction of the defective components); and 3) all major defects, after repair, are duly entered into the Operations and Maintenance (O&M) manual. [District Rule 4622]
13. Upon identification of any major defects, the permittee shall tag "Out-of-Order" all dispensing equipment for which vapor recovery has been impaired. Tagged equipment shall be rendered inoperable and the tag(s) shall not be removed until the defective equipment has been repaired, replaced, or adjusted, as necessary. In the case of defects identified by the District, tagged equipment shall be rendered inoperable, and the tag shall not be removed until the District has been notified of the repairs, and the District has either reinspected the system or authorized the tagged equipment for use. [District Rule 4622]
14. The permittee shall implement a periodic maintenance inspection program for the certified Phase II vapor recovery system consistent with the requirements of this permit. The program shall be documented in an operation and maintenance (O&M) manual and shall at a minimum contain the following information: 1) copies of all vapor recovery performance tests; 2) all applicable ARB Executive Orders, Approval Letters, and District Permits; 3) the manufacturer's specifications and instructions for installation, operation, repair, and maintenance required pursuant to ARB Certification Procedure CP-201, and any additional instruction provided by the manufacturer; 4) system and/or component testing requirements, including test schedules and passing criteria for each of the standard tests required by this permit (the owner/operator may include any non-ARB required diagnostic and other tests as part of the testing requirements), and 5) additional O&M instructions, if any, that are designed to ensure compliance with the applicable rules, regulations, ARB Executive Orders, and District permit conditions, including replacement schedules for failure or wear prone components. [District Rule 4622]
15. The permittee shall conduct periodic maintenance inspections based on the greatest monthly throughput of gasoline dispensed by the facility in the previous year as follows: A) less than 2,500 gallons - one day per month; B) 2,500 to less than 25,000 gallons - one day per week; or C) 25,000 gallons or greater - five days per week. All inspections shall be documented within the O & M Manual. [District Rules 4621 and 4622]
16. Periodic maintenance inspections of the Phase I vapor recovery system shall include, at a minimum, verification that 1) the fill caps and vapor caps are not missing, damaged, or loose; 2) the fill cap gasket and vapor cap gaskets are not missing or damaged; 3) the fill adapter and vapor adapter are securely attached to the risers; 4) where applicable, the spring-loaded submerged fill tube seals properly against the coaxial tubing; 5) the dry break (poppet-valve) is not missing or damaged; and 6) the submerged fill tube is not missing or damaged. [District Rule 4621]

CONDITIONS CONTINUE ON NEXT PAGE

17. Periodic maintenance inspections of the Phase II vapor recovery system shall include, at a minimum, verification that 1) the following nozzle components are in place and in good condition as specified in ARB Executive Order as applicable: faceplate/facecone, bellows, latching device spring, vapor check valve, spout (proper diameter/vapor collection holes), insertion interlock mechanism, automatic shut-off mechanism, and hold open latch (unless prohibited by law or the local fire control authority); 2) the hoses are not torn, flattened or crimped; 3) the vapor path of the coaxial hoses associated with bellows equipped nozzles does not contain more than 100 ml of liquid if applicable; and 4) the vapor processing unit is functioning properly, for operations that are required to have or possess such a unit. [District Rule 4622]
18. In the event of a separation due to a drive off, the permittee shall, unless otherwise specified in the applicable ARB Executive Order, conduct a visual inspection of the affected equipment and either 1) perform qualified repairs on any damaged components and conduct applicable re-verification tests pursuant to the requirements of this permit, or 2) replace the affected nozzles, coaxial hoses, breakaway couplings, and any other damaged components with new or certified rebuilt components that are ARB certified. The activities shall be documented in accordance with the requirements of this permit before placing the affected equipment back in service. [District Rule 4622]
19. The gasoline throughput for this permit unit shall not exceed 657,000 gallons in any one calendar year. [District Rule 2201]
20. The permittee shall conduct all periodic vapor recovery system performance tests specified in this permit, no more than 30 days before or after the required compliance testing date, unless otherwise required under the applicable ARB Executive Order. [District Rules 4621 and 4622]
21. For certified Phase II vapor recovery systems with liquid removal devices, the permittee shall perform and pass an ARB TP-201.6 Liquid Removal Test within 60 days after initial start-up and whenever the liquid in the vapor path exceeds 100 ml of liquid. The amount of liquid in the vapor path shall be measured by lowering the gasoline dispensing nozzle into a container until such time that no more liquid drains from the nozzle. The amount of liquid drained into the container shall be measured using a graduated cylinder or graduated beaker. The vapor path shall be inspected once per month if monthly throughput is below 2,500 gallons, or once per week otherwise. [District Rule 4622]
22. The permittee shall perform and pass a Static Leak Test for Aboveground Tanks using ARB TP-201.3B or TP-206.3 within 60 days after initial start-up and at least once every 12 months thereafter. [District Rules 4621 and 4622]
23. A person conducting testing of, or repairs to, a certified vapor recovery system shall be in compliance with District Rule 1177 (Gasoline Dispensing Facility Tester Certification). [District Rules 4621 and 4622]
24. A person performing installation of, or maintenance on, a certified Phase I or Phase II vapor recovery system shall be certified by the ICC for Vapor Recovery System Installation and Repair, or work under the direct and personal supervision of an individual physically present at the work site who is certified. The ICC certification shall be renewed every 24 months. [District Rules 4621 and 4622]
25. Proof of the ICC certification and all other certifications required by the Executive Order and installation and operation manual shall be made available onsite. [District Rules 4621 and 4622]
26. The permittee shall notify the District at least 7 days prior to each performance test. The test results shall be submitted to the District no later than 30 days after the completion of each test. [District Rule 4621]
27. The permittee shall maintain a copy of all test results. The test results shall be dated and shall contain the name, address, and telephone number of the company responsible for system installation and testing. [District Rule 4622]
28. The permittee shall maintain on the premises a log of any repairs made to the certified Phase I or Phase II vapor recovery system. The repair log shall include the following: 1) date and time of each repair; 2) the name and applicable certification numbers of the person(s) who performed the repair, and if applicable, the name, address and phone number of the person's employer; 3) description of service performed; 4) each component that was repaired, serviced, or removed; 5) each component that was installed as replacement, if applicable; and 6) receipts or other documents for parts used in the repair and, if applicable, work orders which shall include the name and signature of the person responsible for performing the repairs. [District Rule 4622]

CONDITIONS CONTINUE ON NEXT PAGE

29. The O&M manual shall be kept at the dispensing operation and made available to any person who operates, inspects, maintains, repairs, or tests the equipment at the operation as well as to District personnel upon request. [District Rule 4622]
30. The permittee shall maintain monthly and annual gasoline throughput records. [District Rules 4621 and 4622]
31. All records required by this permit shall be retained on-site for a period of at least five years and shall be made available for District inspection upon request. [District Rules 4621 and 4622]
32. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
33. 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]
34. 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 or Rule 8011. [District Rule 8041]
35. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
36. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]
37. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
38. 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 District Rule 8011. [District Rules 8071 and 8011]
39. 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 District Rule 8011. [District Rules 8071 and 8011]
40. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
41. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]
42. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-26-0

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

TRANSPORTABLE 139 BHP JOHN DEERE MODEL 4045H DIESEL-FIRED TIER 3 CERTIFIED IC ENGINE POWERING A TROMMEL SCREEN USED FOR FINISHED COMPOST

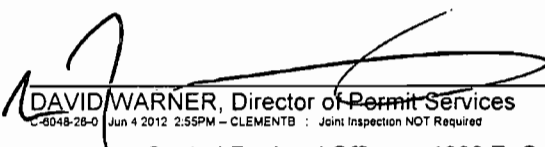
CONDITIONS

1. Authority to Construct (ATC) permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 shall be implemented concurrently. [District Rule 2201]
2. All ATC permits previously issued under projects C-1043946, C-1073961, and C-1101871 shall be cancelled upon implementation of ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0. [District Rule 2201]
3. The permittee shall have complete control of the property defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240299.3, 3981543; 240037, 3981672; 238705.6, 3981944. The Westlake Farms Compost Facility (WFCF) boundary is defined within the following UTM (NAD83) coordinates: 238829.3, 3985339; 240423.1, 3985280; 240390.3, 39844333; and 2388780.6, 3984366. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions from the engine shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
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. Visible emissions from screening shall not exceed 5% opacity. [District Rules 2201 and 4101]
8. Water sprays shall be used, as needed, to ensure visible emissions from screening does not exceed 5% opacity. [District Rules 2201 and 4101]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services
C-6048-26-0 Jun 4 2012 2:55PM - CLEMENTB : Joint Inspection NOT Required

9. The screen throughput shall not exceed 1,400 ton/day. [District Rule 2201]
10. Emissions from the screening operation shall not exceed 0.003 lb-PM10/wet-ton. [District Rule 2201]
11. The amount of diesel fuel consumed by the engine shall not exceed either of the following limits: 97 gal/day or 35,078 gal/year. [District Rule 2201]
12. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of diesel fuel combusted by the engine shall be installed, utilized, and maintained. [District Rules 2201 and 4702]
13. This engine shall not be operated at one location or site at the facility for more than 12 consecutive months. [District Rules 2201 and 4701, and 17 CCR 93116]
14. Emissions from the engine shall not exceed any of the following limits: 2.7 g-NOx/bhp-hr, 1.2 g-CO/bhp-hr, or 0.14 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93116]
15. Emissions from this IC engine shall not exceed 0.149 g-PM10/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 17 CCR 93116]
16. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be consumed by the engine. [District Rules 2201 and 4801, and 17 CCR 93116]
17. The engine's exhaust stack(s) shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap, roof overhang, or any other obstruction. [District Rule 4102]
18. The engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
19. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
20. The permittee shall maintain a daily engine operating log that includes all of the following information: date, quantity of fuel used, maintenance or modifications performed, monitoring data, records of operational characteristics monitoring, and any other information necessary to demonstrate compliance. [District Rules 2201 and 4702]
21. Permittee shall keep daily records of the amount of compost screened, in wet-tons. [District Rule 2201]
22. 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 Rules 2201, 4702, and 1070]
23. Disturbances of soil related to any construction, demolition, excavation, extraction, and other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), unless specifically exempted under section 4.0 of Rule 8021. [District Rule 8021]
24. 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]
25. 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 or Rule 8011. [District Rule 8041]
26. Any open area having 3.0 acres or more of disturbed surface area, that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under section 4.0. [District Rule 8051]
27. Any new or existing public or private paved or unpaved road, road construction project, or road modification project within the immediate boundaries of the composting facility shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under section 4.0 of Rule 8061. [District Rule 8061]

CONDITIONS CONTINUE ON NEXT PAGE

28. Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8071 and 8011]
29. 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 District Rule 8011. [District Rules 8071 and 8011]
30. 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 District Rule 8011. [District Rules 8071 and 8011]
31. Prior to operating equipment under any of the ATC permits C-6048-1-3 thru '-10-3, '-19-3 thru '-21-3, and '-26-0 the permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 41,630 lb, 2nd quarter - 41,630 lb, 3rd quarter - 41,630 lb, and fourth quarter - 41,630 lb. Offsets shall be provided at the applicable distance offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201]
32. ERC certificate numbers (or splits from these certificate numbers) N-463-1, N-471-1, S-2188-1, S-2283-1, S-2414-1, S-2643-1 and S-2702-1 shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this ATC permit shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC permit. [District Rule 2201]
33. The permittee shall submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) within 12 months of the date operation commences (first mixing of Feedstocks under either permit unit C-6048-7 or C-6048-8) for the facility. [District Rule 2520]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-27-0

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

563 BHP (INTERMITTENT) CATERPILLAR MODEL C15 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIRE PUMP STATION GENERATOR

CONDITIONS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
5. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart IIII]
6. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, 40 CFR Part 60 Subpart IIII]
7. Emissions from this IC engine shall not exceed any of the following limits: 2.62 g-NOx/bhp-hr, 2.24 g-CO/bhp-hr, or 0.14 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
8. Emissions from this IC engine shall not exceed 0.14 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services

C-6048-27-0 Jun 4 2012 2:27PM - CLEMENTB : Joint Inspection NOT Required

9. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart IIII]
10. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
11. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
12. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
13. 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. For units at unstaffed sites or operated remotely, records may be maintained and retained at a District-approved off-site location. [District Rule 4702]
14. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rule 4702, 17 CCR 93115 and 40 CFR Part 60 Subpart IIII]
15. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115]
16. 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 4702 and 17 CCR 93115]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-6048-28-0

ISSUANCE DATE: 06/02/2012

LEGAL OWNER OR OPERATOR: COUNTY SANITATION DISTRICTS OF L.A. CO.

MAILING ADDRESS: 1955 WORKMAN MILL RD
WHITTIER, CA 90601-1415

LOCATION: SECTION 35, TOWNSHIP 22S, RANGE 19E
MT. DIABLO BASELINE AND MERIDIAN
KINGS COUNTY, CA

EQUIPMENT DESCRIPTION:

636 BHP (INTERMITTENT) CATERPILLAR MODEL C15 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR

CONDITIONS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
5. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart III]
6. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, 40 CFR Part 60 Subpart III]
7. Emissions from this IC engine shall not exceed any of the following limits: 2.62 g-NOx/bhp-hr, 2.24 g-CO/bhp-hr, or 0.14 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart III]
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12. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
14. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rule 4702, 17 CCR 93115 and 40 CFR Part 60 Subpart IIII]
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