JAN 08 2013

San Joaquin Valley AIR POLLUTION CONTROL DISTRICT

Don Litchfield
Browning Ferris Ind.
9999 S Austin Rd
Manteca, CA 95336

Re: Notice of Final Action - Significant Title V Permit Modification
District Facility # C-150
Project # C-1110835

Dear Mr. Litchfield:

The Air Pollution Control Officer has modified the Title V permit for Browning Ferris Ind. incorporating C-150-1-7. This modification is to remove source test conditions.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on 11/09/12. No comments were received following the District's preliminary decision on this project.

The notice of final decision for this project will be published approximately three days from the date of this letter.

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

Sincerely,

David Warner
Director of Permit Services

Enclosures

MK
JAN 08 2013

Gerardo C. Rios, Chief
Permits Office
Air Division
U.S. EPA - Region IX
75 Hawthorne St.
San Francisco, CA 94105

Re: Notice of Final Action - Significant Title V Permit Modification
District Facility # C-150
Project # C-1110835

Dear Mr. Rios:

The Air Pollution Control Officer has modified the Title V permit for Browning Ferris Ind. incorporating C-150-1-7. This modification is to remove source test conditions.

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The notice of final decision for this project will be published approximately three days from the date of this letter.

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

Sincerely,

David Warner
Director of Permit Services

Enclosures

MK
Re: Notice of Final Action - Significant Title V Permit Modification
District Facility # C-150
Project # C-1110835

Dear Mr. Tollstrup:

The Air Pollution Control Officer has modified the Title V permit for Browning Ferris Ind. incorporating C-150-1-7. This modification is to remove source test conditions.

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The notice of final decision for this project will be published approximately three days from the date of this letter.

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

Sincerely,

David Warner
Director of Permit Services

Enclosures MK
NOTICE OF FINAL DECISION
FOR THE PROPOSED MODIFICATION OF
FEDERALLY MANDATED OPERATING PERMIT

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District has made its final decision to modify the Federally Mandated Operating Permit to Browning Ferris Ind. for its landfill gas collection system located in Fresno, California.

The District’s analysis of the legal and factual basis for this proposed action, project #C-1110835, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. For additional information regarding this matter, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900, or contact David Warner, Director of Permit Services, in writing at SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CA 93726-0244.
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-150-1-7
EXPIRATION DATE: 04/30/2014

EQUIPMENT DESCRIPTION:
54 MMBTU/HR LANDFILL GAS COLLECTION AND TREATMENT SYSTEM WITH MCGILL MODEL EGF-4 ENCLOSED FLARE WITH COMBUSTION AIR CONTROLS, PROPANE-FIRED PILOT FLAME, FLAME ARRESTOR, BLOWERS, CONCRETE CONDENSATE SUMPS, EXHAUST STACK AND 67 EXTRACTION WELLS

PERMIT UNIT REQUIREMENTS

1. Flares shall be designed for and operated with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours. [40 CFR 60.18(c)(1)] Federally Enforceable Through Title V Permit

2. Testing the visible emissions of the flare shall be conducted at least annually, using EPA Method 22. The observation period shall be 2 hours. [40 CFR 60.18(f)(1)] Federally Enforceable Through Title V Permit

3. Landfill gas shall be tested for sulfur content quarterly using Draeger tubes. If source specific historical data (for a period of at least one year) shows seasonal variation of less than 20%, then landfill gas shall be tested annually using Draeger tubes. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

4. The operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2] Federally Enforceable Through Title V Permit

5. The flare shall be operated according to the manufacturer’s specifications, a copy of which shall be maintained on site. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

6. Actual flare emissions shall not exceed 20 tons VOC/year. Process information, including fuel usage data for the flare and process rates for operations controlled by the flare, shall be submitted to the District annually. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

7. Flares shall only be used with the net heating value of the gas being combusted being 200 Btu/scf or greater if the flare is non-assisted; or with the net heating value of the gas being combusted being 300 Btu/scf or greater if the flare is air-assisted or steam-assisted. [40 CFR 60.18(c)(3)] Federally Enforceable Through Title V Permit

8. The net heating value of the gas being combusted in a flare shall be calculated annually, pursuant to 40 CFR 60.18(f)(3) and using EPA Method 18, ASTM D1946-77, and ASTM D2382-76. [40 CFR 60.18(f)(3-6)] Federally Enforceable Through Title V Permit

9. Air-assisted flares shall be operated with an exit velocity less than Vmax, as calculated by the equation specified in paragraph 40 CFR 60.18(f)(6). [40 CFR 60.18(c)(5)] Federally Enforceable Through Title V Permit

10. Nonassisted and steam-assisted flares shall be operated with an exit velocity, as calculated by the methods specified in 40 CFR 60.18(f)(4), less than 60 ft/sec, except as provided in 40 CFR 60.18(c)(4)(ii) and (iii). [40 CFR 60.18(c)(4)(i)] Federally Enforceable Through Title V Permit

11. Nonassisted and steam-assisted flares may be operated with an exit velocity, as calculated by the methods specified in 40 CFR 60.18(f)(4), equal to or greater than 60 ft/sec, but less than 400 ft/sec if the net heating value of the gas being combusted is greater than 1,000 Btu/scf. [40 CFR 60.18(c)(4)(ii)] Federally Enforceable Through Title V Permit

12. Nonassisted and steam-assisted flares may be operated with an exit velocity, as calculated by the methods specified in 40 CFR 60.18(f)(4), less than the velocity, Vmax, as determined by the equation specified in paragraph 40 CFR 60.18(f)(5), and less than 400 ft/sec. [40 CFR 60.18(c)(4)(iii)] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.
13. The actual exit velocity of a flare shall be calculated by dividing the volumetric flowrate (in units of standard temperature and pressure), as determined by Reference Methods 2, 2A, 2C, or 2D as appropriate; by the unobstructed (free) cross sectional area of the flare tip. [40 CFR 60.18 (f)(4)] Federally Enforceable Through Title V Permit

14. Flares shall be operated with a flame present at all times, and kept in operation when emissions may be vented to them. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame. [40 CFR 60.18 (c)(2), 60.18 (e), and 60.18 (f)(2)] Federally Enforceable Through Title V Permit

15. Flare shall be equipped with a failure alarm to automatically shut off the blower and landfill gas supply. [District NSR Rule] Federally Enforceable Through Title V Permit

16. Landfill gas flowrate shall be monitored by flow indicator and recorders. [District NSR Rule] Federally Enforceable Through Title V Permit

17. Gas collection system shall be sealed at all times during operation. [District NSR Rule] Federally Enforceable Through Title V Permit

18. All condensate traps shall remain covered unless treatment of condensate is taking place. [District NSR Rule] Federally Enforceable Through Title V Permit

19. Flame temperature indicator and recorder shall be operated whenever gas is flared. [District NSR Rule] Federally Enforceable Through Title V Permit

20. Flare temperature shall be maintained to at least 1400 degree F. [District NSR Rule] Federally Enforceable Through Title V Permit

21. Total volume of landfill gas flared shall not exceed 2600 scf/min (3,744,000 scf/day) and shall be recorded daily. [District Rules 2520, 9.4.2 and NSR] Federally Enforceable Through Title V Permit

22. Emissions shall not exceed any of the following: NOx - 0.0616 lb/MMbtu, PM10 - 2.92 lb/hr, CO - 7.75 lb/hr, SOx - 1.1 lb/hr, nor VOC(NHMC) - 1.92 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit

23. Daily emissions shall not exceed any of the following: NOx - 63.4 lb/day, PM10 - 70.0 lb/day, CO - 186.0 lb/day, SOx - 27.1 lb/day, nor VOC(NMHC) - 47.0 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit

24. Interior wells: DEW-04, DEW-06, and DEW-07 may be operated with 15% oxygen concentration or less, provided that the temperature of these wells stays below the 130 oF which would indicate that aerobic decomposition is not occurring. [40 CFR 60.753(c)] Federally Enforceable Through Title V Permit

25. Perimeter wells: EW-01, EW-02, EW-04, EW-05, EW-07, EW-09, EW-10, EW-12, EW-16, EW-17, EW-18, EW-20, EW-22, EW-23, EW-24, EW-25, EW-28, EW-29, EW-31, EW-32, EW-33, EW-35, EW-36, EW-38, EW-40, EW-43, EW-46, EW-47, EW-49, EW-50, EW-53, EW-55, and EW-56 may be operated with 15% oxygen concentration or less, provided that the temperature of these wells stays below the 130 oF which would indicate that aerobic decomposition is not occurring. [40 CFR 60.753(c)] Federally Enforceable Through Title V Permit