



JUL 28 2015

Ralph Braboy
Bakersfield City Wastewater #2
6901 McCutchen Rd.
Bakersfield, CA 93313

**Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # S-2273
Project # S-1152834**

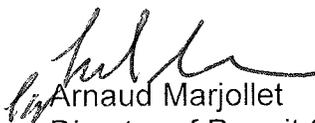
Dear Mr. Braboy:

The Air Pollution Control Officer has modified the Title V permit for Bakersfield City Wastewater #2 by incorporating ATCs S-2273-6-4 and '7-4. The modification involves lowering the NOX emission limit of two (2) 2.0 MMBtu/hr digester gas-fired boilers to 30 ppmv @ 3% O2 for Rule 4307 compliance.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on July 8, 2015. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,



Arnaud Marjollet
Director of Permit Services

AM:spl

Enclosures

cc: Gerardo C. Rios, EPA (w/enclosure) via email

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2273-6-5

EXPIRATION DATE: 12/31/2017

SECTION: SE08 TOWNSHIP: 30S RANGE: 28E

EQUIPMENT DESCRIPTION:

2 MMBTU/HR BURNHAM SERIES 4F-50 DIGESTER GAS-FIRED BOILER (BOILER #3):

PERMIT UNIT REQUIREMENTS

1. This unit shall be equipped with an operational non-resettable elapsed time meter. [District Rule 4307] Federally Enforceable Through Title V Permit
2. Sampling facilities shall be provided to allow for fuel gas sampling at inlet to boiler. [District Rule 1081] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
4. Only scrubbed digester gas and/or propane shall be used as fuel for the boiler. [District Rules 2201 and 4307] Federally Enforceable Through Title V Permit
5. The boiler shall not operate more than 2,500 hours in any consecutive 12 month period. [District Rule 4307] Federally Enforceable Through Title V Permit
6. Sulfur (S) content of digester gas burned in this unit shall not exceed 10 ppmv. [District Rules 2201 and 4307] Federally Enforceable Through Title V Permit
7. Total volume of waste gas and propane burned in permit units S-2273-6, '7, '9, '10 and '15 shall not exceed 312.89 MM Scf/yr. For the purpose of establishing this limit, 1 gallon of propane is equivalent to 148 scf of digester gas. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Emission rates shall not exceed any of the following: NOx: 0.036 lb/MMBtu (30 ppmv @ 3% O₂), SOx: 0.003 lb/MMBtu, PM10: 0.008 lb/MMBtu, CO: 27 ppmv @ 3% O₂, or VOC: 0.011 lb/MMBtu. [District Rules 2201 and 4307] Federally Enforceable Through Title V Permit
9. Compliance source testing for digester gas sulfur content shall be conducted annually (or as approved by the District) within 60 days prior to the permit anniversary. [District Rules 1081 and 2201] Federally Enforceable Through Title V Permit
10. The following test methods shall be used for fuel gas sulfur content: ASTM D3246 or double GC for H₂S and mercaptans. The District shall be notified at least 30 days in advance of sulfur sampling. [District Rule 1081] Federally Enforceable Through Title V Permit
11. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
12. The owner/operator shall have unit tuned at least twice each calendar year, from four to eight months apart, in which it operates, by a technician that is qualified, to the satisfaction of the APCO, in accordance with the procedure described in Rule 4304 (Equipment Tuning Procedure for Boilers, Steam Generators, and Process Heaters). [District Rule 4307] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. If the unit does not operate throughout a continuous six-month period within a calendar year, only one tune-up is required for that calendar year. No tune-up is required for any unit that is not operated during that calendar year; this unit may be test fired to verify availability of the unit for its intended use, but once the test firing is completed the unit shall be shutdown. [District Rule 4307] Federally Enforceable Through Title V Permit
14. In lieu of tuning the unit twice each calendar year, the owner/operator shall monitor the emissions with a portable NOx analyzer at least twice each calendar year and adjust the unit's operating parameters accordingly to assure compliance with the emission limits of this rule. [District Rule 4307] Federally Enforceable Through Title V Permit
15. The permittee shall maintain monthly and annual records of the total combined volume of digester gas and propane burned in permit units S-2273-6, '7, '9, '10 and '15. Records shall be kept for a period of 5 years and shall be made readily available to District staff upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
16. 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 4307] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2273-7-5

EXPIRATION DATE: 12/31/2017

SECTION: SE08 TOWNSHIP: 30S RANGE: 28E

EQUIPMENT DESCRIPTION:

2 MMBTU/HR BURNHAM SERIES 4F-50 DIGESTER GAS-FIRED BOILER (BOILER #4)

PERMIT UNIT REQUIREMENTS

1. This unit shall be equipped with an operational non-resettable elapsed time meter. [District Rule 4307] Federally Enforceable Through Title V Permit
2. Sampling facilities shall be provided to allow for fuel gas sampling at inlet to boiler. [District Rule 1081] Federally Enforceable Through Title V Permit
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