



MAR 01 2016

Mr. Ray Arthur  
Fresno/Clovis Regional WWTP  
5607 W Jensen Ave  
Fresno, CA 93706

**Re: Notice of Final Action - Significant Title V Permit Modification**  
**District Facility # C-535**  
**Project # 1152893**

Dear Mr. Arthur:

The Air Pollution Control Officer has modified the Title V permit for Fresno/Clovis Regional WWTP located at 5607 W. Jensen Avenue in Fresno, CA. The applicant is proposing to remove the requirement for the combustion device serving the digester gas treatment system (permit C-535-26) to be equipped with a non-resettable, totalizing volumetric fuel flow meter.

Enclosed is the modified Title V permit. The application and proposal were sent to CARB and US EPA Region IX on December 10, 2015. 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. Errol Villegas, Permit Services Manager, at (559) 230-5900.

Sincerely,



Arnaud Marjollet  
Director of Permit Services

Enclosures

cc: Tung Le, CARB (w/enclosure) via email  
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  
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**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: C-535-26-3

EXPIRATION DATE: 01/31/2016

## EQUIPMENT DESCRIPTION:

DIGESTER GAS TREATMENT SYSTEM CONSISTING OF A CHILLER, COMPRESSOR, HYDROGEN SULFIDE REMOVAL UNIT, MEMBRANE PROCESSING UNIT, 7.46 MMBTU/HR JOHN ZINK MODEL ZBRID WASTE GAS/DIGESTER GAS-FIRED COMBUSTION DEVICE AND ACTIVATED CARBON ADSORPTION BEDS

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions from the exhaust of the combustion device shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 4102]
3. Emission rates from the combustion device shall not exceed any of the following limits: NO<sub>x</sub> - 0.06 lb/MMBtu; CO - 0.20 lb/MMBtu; 20 ppmv VOC @ 3% O<sub>2</sub> (as hexane) or 0.084 lb-VOC/MMBtu; or PM<sub>10</sub> - 0.016 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The H<sub>2</sub>S content of the digester gas processed through this gas treatment system shall not exceed 200 ppmv. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Source testing of the NO<sub>x</sub> and CO emissions from the exhaust of the combustion device shall be performed at least once every five years. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. Testing to demonstrate compliance with the raw digester gas H<sub>2</sub>S content limit shall be conducted quarterly. Once eight (8) consecutive quarterly tests show compliance, the H<sub>2</sub>S content testing frequency may be reduced to once every calendar year. If an annual test shows violation of the H<sub>2</sub>S content limit, then quarterly testing shall resume and continue until eight (8) consecutive tests show compliance. Once compliance is shown on eight (8) consecutive quarterly tests, then testing may return to once every calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rules 1081 and 4311, 6.4.2] Federally Enforceable Through Title V Permit
8. NO<sub>x</sub> emissions for source test purposes shall be determined using EPA Method 19. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. VOC emissions for source test purposes shall be determined using EPA Method 18 or 25. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Testing to measure the H<sub>2</sub>S content of the fuel shall be conducted using either EPA Method 15, ASTM Method D1072, D3031, D3246, D4084, D4810, D5504, D6228 or with the use of the Testo 350 XL portable analyzer. [District Rule 2201] Federally Enforceable Through Title V Permit
12. 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. The combustion zone of the combustion device shall be maintained at a minimum of 1,400 degrees Fahrenheit. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
14. The combustion device shall be equipped with a continuous temperature monitoring and recording device, in operation at all times. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
15. The permittee shall maintain records of: (1) the daily combustion device temperature readings; (2) copy of source test reports; and (3) copies of all annual reports submitted to the District. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
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 Rules 2201 and 2520, 9.4.2] Federally Enforceable Through Title V Permit

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