



**San Joaquin Valley**

**AIR POLLUTION CONTROL DISTRICT**



**HEALTHY AIR LIVING™**

**FEB 18 2015**

Benjamin Gray  
Avenal Regional Landfill  
P O Box 189  
Avenal, CA 93204

**Re: Notice of Final Action - Minor Title V Permit Modification  
District Facility # C-3839  
Project # C-1141615**

Dear Mr. Gray:

The Air Pollution Control Officer has modified the Title V permit for Avenal Regional Landfill by incorporating Authority to Construct C-3839-2-0. This ATC authorized the installation of a transportable 197 horsepower John Deere Model 6068HF285 Tier 3 certified diesel-fired engine powering an electrical generator.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on November 18, 2014. No comments were received following the District's preliminary decision on this project.

Based on a recent inspection at your facility, the equipment authorized by Permit to Operate C-3839-2-1 is no longer located on site. Pursuant to District Rules and Regulations, Permits to Operate cannot be maintained for equipment that has been permanently removed from service. We have therefore cancelled this Permit to Operate.

Enclosed is an invoice for the prorated permit fee for the operating period from equipment startup to shutdown, pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, before the due date.

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,

  
Arnaud Marjollet  
Director of Permit Services

AM:jka

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:** C-3839-2-1

**EXPIRATION DATE:** 06/30/2015

**EQUIPMENT DESCRIPTION:**

TRANSPORTABLE 197 BHP JOHN DEERE MODEL 6068HF285 S/N PE6068L130485 TIER 3 DIESEL-FIRED IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR A VADOSE ZONE GAS COLLECTION SYSTEM

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall not be operated at one location or site at the facility for more than 12 consecutive months. [District Rules 2201 and 17 CCR 93116] Federally Enforceable Through Title V Permit
3. This on-site transportable unit shall not operate within 560 feet of an offsite receptor. [District Rule 4102]
4. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (a flapper type rain cap is acceptable), roof overhang, or any other obstruction. [District Rule 4102]
5. 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] Federally Enforceable Through Title V Permit
6. 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] Federally Enforceable Through Title V Permit
7. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4102, 4702, 4801 and 17 CCR 93116] Federally Enforceable Through Title V Permit
8. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 4701 and 4702 and 17 CCR 93116] Federally Enforceable Through Title V Permit
9. The engine shall not operate more than 2,191 hours during any rolling 12-consecutive month period (this limit is for HRA purposes and to enforce the zero equivalency threshold for greenhouse gas emissions), as determined by an operational nonresettable elapsed operating time meter or other APCO approved alternative. These records shall be updated at least monthly. [District Rules 2201, 4102, 4702 and Public Resources Code 21000-21177: California Environmental Quality Act] Federally Enforceable Through Title V Permit
10. Emissions from this IC engine shall not exceed any of the following limits: 2.51 g-NOx/bhp-hr, 0.97 g-CO/bhp-hr, or 0.18 g-VOC/bhp-hr. [District Rule 2201 and 17 CCR 93116] Federally Enforceable Through Title V Permit
11. Emissions from this IC engine shall not exceed 0.13 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 13 CCR 2423 and 17 CCR 93116] Federally Enforceable Through Title V Permit
12. Permittee shall keep records or documentation that demonstrates only CARB certified diesel fuel is combusted in the engine. [District Rule 4702] 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 permittee shall maintain daily records of the following: (a). The total quantity of hours the engine was operated (in hours/day); (b). The type of fuel used in the engine; (c). Engine maintenance or modifications performed; (d). Engine operational characteristics monitoring; (e). Any other information necessary to demonstrate compliance with Rule 4702. [District Rules 1070 and 4702] Federally Enforceable Through Title V Permit
14. The permittee shall maintain records of each location where the engine is operated, including dates and duration of residency at each location, and shall update those records each time the engine is moved. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
15. The permittee shall maintain a rolling 12-consecutive month total of the hours the engine is operated and shall update the rolling total at least once each month. [District Rules 1070 and 2201] 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 1070, 4701, and 4702] Federally Enforceable Through Title V Permit

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