

JUN 09 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-1141517

Dear Mr. Gray:

The Air Pollution Control Officer has modified the Title V permit for Avenal Regional Landfill by incorporating ATC #C-3839-3-0. This ATC authorized the installation of a vadose zone landfill gas collection system served by carbon adsorption canisters.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on March 5, 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. 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-3839-3-1

EXPIRATION DATE: 06/30/2015

EQUIPMENT DESCRIPTION:

VADOSE ZONE GAS COLLECTION SYSTEM SERVED BY TWO 1,000 LB ENVIROSUPPLY, MODEL V-1,000 HP, CARBON CANISTERS CONNECTED IN SERIES

PERMIT UNIT REQUIREMENTS

1. The soil remediation system shall be maintained in proper operating condition at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
2. 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]
3. The VOC control device shall be at least 60% efficient in controlling the VOC from the vadose zone. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The total VOC emissions from the vadose zone shall not exceed 1.4 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The carbon adsorption unit effluent gas flow rate shall not exceed 220 scfm. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The VOC concentration of the exhaust gas from the vadose zone served by the carbon adsorption unit shall not exceed 107 ppmv, as methane. [District Rule 2201] Federally Enforceable Through Title V Permit
7. A minimum of two carbon canisters which are connected in series shall be utilized. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Sampling ports adequate for extraction of grab samples, measurement of gas flow rate, and use of an FID, PID, or other District-approved VOC detection device shall be provided for both the influent and the effluent gas streams. [District Rule 1081] Federally Enforceable Through Title V Permit
9. Sampling to demonstrate ongoing compliance with the VOC emission rate and control efficiency requirements shall be performed at least once per week by sampling both the influent and the effluent gas streams with an FID, PID, or other District-approved VOC detection device. [District Rule 1081] Federally Enforceable Through Title V Permit
10. The carbon canisters removed from the system shall be sealed vapor tight. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Records of the cumulative running time and the measured influent and effluent VOC concentrations shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
12. All records shall be retained for a minimum of five years, and shall be made available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit

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



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

Due Date
8/10/2015

Amount Due
\$ 130.86

Amount Enclosed

REN
3839 C234755 6/9/2015

RETURN THIS TOP PORTION ONLY, WITH REMITTANCE TO:

AVENAL REGIONAL LANDFILL
PO BOX 189
AVENAL, CA 93204

SJVAPCD
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244

Thank You!



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

SJVAPCD Tax ID: 77-0262563

Facility ID
C3839

Invoice Date
6/9/2015

Invoice Number
C234755

Invoice Type
Prorated Permit To Operate Fees

AVENAL REGIONAL LANDFILL
201 HYDRIL RD
AVENAL, CA 93204

Prorated Fees Due (enclosed is a detailed statement outlining the fees for each item)

\$ 130.86

Late Payment (see Rule 3010, Section 11.0 Late Fees)	
Postmarked	Total Due
After 8/10/2015 through 8/20/2015	\$ 143.95
After 8/20/2015	\$ 196.29
After 9/9/2015	Permits To Operate MAY BE SUSPENDED

Invoice Detail

Facility ID: C3839

AVENAL REGIONAL LANDFILL
201 HYDRIL RD
AVENAL, CA 93204

Invoice Nbr: C234755
Invoice Date: 6/9/2015
Page: 1

Permit Number	Equipment Description	Billing Period	Annual Fee	Qty	Fee Amount	Total Fees
C-3839-3-1	VADOSE ZONE GAS COLLECTION SYSTEM SERVED BY TWO 1,000 LB ENVIROSUPPLY, MODEL V-1,000 HP, CARBON CANISTERS CONNECTED IN SERIES	12/30/2014 to 6/30/2016	\$ 87.00	1	\$ 130.86	\$ 130.86

Total Amount Due: \$ 130.86