



MAR 22 2011

Gerardo C. Rios, Chief
Permits Office (AIR-3)
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

**Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # N-2107
Project # N-1083425**

Dear Mr. Rios:

The Air Pollution Control Officer has modified the Title V permit for Darling International Inc. by incorporating Authority to Construct N-2107-9-11. This project is for the modification of an animal rendering operation to replace a high efficiency cyclone with a venturi scrubber.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on December 21, 2010. 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. Rupi Gill, Permit Services Manager, at (209) 557-6400.

Sincerely,

David Warner
Director of Permit Services

DW:JH/st

Enclosures

Sayed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-8475

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: 881-392-5500 FAX: 661-392-5585

MAR 22 2011

William McMurtry
Darling International Inc.
PO Box 1608
Turlock, CA 95381

**Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # N-2107
Project # N-1083425**

Dear Mr. McMurtry:

The Air Pollution Control Officer has modified the Title V permit for Darling International Inc. by incorporating Authority to Construct N-2107-9-11. This project is for the modification of an animal rendering operation to replace a high efficiency cyclone with a venturi scrubber.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on December 21, 2010. 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. Rupi Gill, Permit Services Manager, at (209) 557-6400.

Sincerely,



David Warner
Director of Permit Services

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2107-9-13

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

ANIMAL RENDERING OPERATION INCLUDING ONE DUPPS MODEL 260J COOKER AND AIR-COOLED CONDENSER SERVED BY A 3.0 MMBTU/HR NATURAL GAS-FIRED GULF COAST ENVIRONMENTAL REGENERATIVE THERMAL OXIDIZER (RTO) WITH AN UNFIRED WASTE HEAT RECOVERY BOILER AND A VENTURI SCRUBBER PRIOR TO THE THERMAL OXIDIZER EQUIPMENT, AND A 17.8 MMBTU/HR NATURAL GAS-FIRED SYSTEMS AND CONTROLS BACKUP THERMAL OXIDIZER

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Tallow and yellow grease storage tanks shall be kept in good operating condition. These tanks shall not contribute to a nuisance condition. [District Rule 4102]
5. The differential pressure gauge reading range for the venturi scrubber prior to the regenerative thermal oxidizer shall be established per manufacturer's recommendation at time of start up inspection. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The 17.8 MMBtu/hr thermal oxidizer and the 3.0 MMBtu/hr RTO shall not be operated simultaneously. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The 17.8 MMBtu/hr thermal oxidizer shall not operate for more than 90 days (2,160 hours) per year, and thereafter shall operate only when the 3.0 MMBtu/hr RTO is experiencing a breakdown condition, and the District has been notified per District Rule 1100. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Permittee shall maintain annual records of the amount of hours the 17.8 MMBtu/hr thermal oxidizer is in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Each thermal oxidizer shall only be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Each thermal oxidizer shall be operated at a temperature of no less than 1400 degrees Fahrenheit and the retention time is to be no less than 1 second. [District Rules 2201 and 4104] Federally Enforceable Through Title V Permit
11. Each thermal oxidizer incineration temperature shall be monitored and continuously recorded while in operation. The monitoring and recording equipment shall be properly installed, properly maintained and in proper calibration at all times. [District Rule 4104] Federally Enforceable Through Title V Permit
12. Each thermal oxidizer shall be heated to the proper operating temperature prior to any contaminated process air entering the oxidizer. [District Rules 2201 and 4104] Federally Enforceable Through Title V Permit
13. Each thermal oxidizer shall continue to operate after the shut-down of the rendering processes until all contaminated process air is incinerated. [District Rules 2201 and 4104] 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.

14. The exhaust emissions from the 17.8 MMBtu/hr thermal oxidizer shall not exceed the following: 4.43 lb NO_x/hr, 4.61 lb CO/hr, 2.23 lb PM₁₀/hr, 2.67 lb SO_x/hr, or 0.05 lb VOC/hr (based on a 30 minute averaging period). [District Rule 2201] Federally Enforceable Through Title V Permit
15. The exhaust emissions from the 3.0 MMBtu/hr RTO shall not exceed the following: 2.94 lb NO_x/hr, 3.36 lb CO/hr, 3.32 lb PM₁₀/hr, 2.66 lb SO_x/hr, or 0.053 lb VOC/hr (based on a 30 minute averaging period). [District Rule 2201] Federally Enforceable Through Title V Permit
16. Facility-wide PM₁₀ emissions shall not exceed 29,200 lbs per year. Operator shall maintain copies of all natural gas fuel invoices, and records of hours of operation of both thermal oxidizers in order to show compliance with this emissions limit. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
17. The concentration of sulfur compounds in the exhaust from this unit shall not exceed 0.2% by volume as measured on a dry basis over a 15 minute period. [District Rules 2520, 9.3.2, 4801 and Stanislaus County Rule 407] Federally Enforceable Through Title V Permit
18. All records shall be retained for a minimum of five years, and shall be made readily available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] Federally Enforceable Through Title V Permit

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