



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

DEC 21 2010

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

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

Dear Mr. McMurtry:

Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to incorporate recently issued Authority to Construct N-2107-9-11 into the Title V operating permit. The applicant is proposing to replace a high efficiency cyclone with a venturi scrubber on their animal rendering line.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued Authority to Construct N-2107-9-11, application, and previous Title V permit. This project will be subject to a 45-day EPA commenting period prior to the District taking final action.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Rupi Gill at (209) 557-6400.

Sincerely,

David Warner
Director of Permit Services

DW/JH:dg

Enclosures

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
www.valleyair.org

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



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

DEC 21 2010

Gerardo C. Rios, Chief
Permits Office
Air Division
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

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

Dear Mr. Rios:

Enclosed for you to review is an application for minor Title V permit modification for the facility identified above. Darling International Inc. is proposing a Title V minor permit modification to incorporate the recently issued Authority to Construct N-2107-9-11 into the Title V operating permit. The applicant is proposing to replace a high efficiency cyclone with a venturi scrubber on their animal rendering line.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued Authority to Construct N-2107-9-11, application, and previous Title V permit. Please submit your written comments on this project within the 45-day comment period that begins on the date you receive this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Rupi Gill at (209) 557-6400.

Sincerely,

David Warner
Director of Permit Services

DW/JH:dg

Enclosures

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TITLE V APPLICATION REVIEW

Minor Modification
Project #: N-1083425

Engineer: James Harader
Date: October 12, 2010

Facility Number: N-2107
Facility Name: Darling International Inc.
Mailing Address: PO Box 1608
Turlock, CA 95381

Contact Name: William McMurtry
Phone: (972) 281-4409

Responsible Official: William McMurtry
Title: VP of Environmental Affairs

I. PROPOSAL

Darling International Inc. is proposing a Title V minor permit modification to incorporate Authority to Construct N-2107-9-11 into the existing Title V operating permit. This proposal did not result in an increase in emissions.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

II. FACILITY LOCATION

This facility is located at 11946 Carpenter Rd in Crows Landing, CA.

III. EQUIPMENT DESCRIPTION

N-2107-9-13: 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

IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a minor modification and, as such, requires no public review.

V. APPLICABLE REQUIREMENTS

District Rule 2520, Federally Mandated Operating Permits (Adopted June 21, 2001)

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

N-2107-9-13

The applicant is proposing to incorporate Authority to Construct N-2107-9-11 into their existing Title V permit. Authority to Construct, N-2107-9-11, proposes to replace an existing cyclone with a venturi scrubber. This proposal does not result in an increase in emissions and will result in the following changes to the existing permit:

Authority to Construct, N-2107-9-11, Condition #1 requires the facility to submit a minor modification application within the appropriate timeframes and procedures as outlined in District Rule 2520. this requirement has been satisfied.

Authority to Construct, N-2107-9-11, Condition #2 requires ATC N-2107-9-8 to be implemented prior to or concurrently. This condition has been satisfied.

Authority to Construct, N-2107-9-11, Condition #7 lists differential pressure gauge reading requirements for the new venturi scrubber. This condition will be included on the new Permit to Operate, N-2107-9-13, as Condition #5.

VII. COMPLIANCE

In accordance with Rule 2520, 3.20, these modifications:

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or Conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;

4. Do not seek to establish or change a permit term or Condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and Conditions include;
 - a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and
 - b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
 5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
 6. Do not seek to consolidate overlapping applicable requirements.
- In accordance with Rule 2520, the application meets the procedural requirements of section 11.4 by including;
1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
 2. The source's suggested draft permit; and
 3. Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used.

VIII. ATTACHMENTS

- A. Proposed Modified Title V Operating Permit No. N-2107-9-13
- B. Authority to Construct No. N-2107-9-11
- C. Title V Compliance Certification Form
- D. Previous Title V Operating Permit No. N-2107-9-10

ATTACHMENT A

Proposed Modified Title V Operating Permit No.
N-2107-9-13

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. {98} 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.

DRAFT

ATTACHMENT B

Authority to Construct No.
N-2107-9-11



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

AUTHORITY TO CONSTRUCT

PERMIT NO: N-2107-9-11

ISSUANCE DATE: 10/09/2008

LEGAL OWNER OR OPERATOR: DARLING INTERNATIONAL, INC.

MAILING ADDRESS: PO BOX 1608
TURLOCK, CA 95381

LOCATION: 11946 CARPENTER RD
CROWS LANDING, CA 95313

EQUIPMENT DESCRIPTION:

MODIFICATION OF 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 MAC MODEL H.E. CYCLONE PRIOR TO THE THERMAL OXIDIZER EQUIPMENT, AND A 17.8 MMBTU/HR NATURAL GAS-FIRED SYSTEMS AND CONTROLS BACKUP THERMAL OXIDIZER: REPLACE THE HIGH EFFICIENCY (H.E.) CYCLONE WITH A VENTURI SCRUBBER PRIOR TO THE THERMAL OXIDIZER

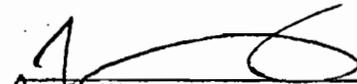
CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. Authority to Construct (ATC) N-2107-9-8 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] 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. 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
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. 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]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services
N-2107-9-11, Oct 9 2008 4:56PM - LET : Joint Inspection NOT Required

7. 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
8. 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
9. 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
10. 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
11. Each thermal oxidizer shall only be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
12. 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
13. 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
14. 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
15. 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
16. 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
17. 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
18. 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
19. 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
20. 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

ATTACHMENT C

Title V Compliance Certification Form

APPLICATION FOR TITLE V MODIFICATION

- Instructions -
Page 1 of 2

RECEIVED

SEP - 2 2008

Permits Srvc
SJVAPCD

San Joaquin Valley Air Pollution Control District

www.valleyair.org

Permit Application For:

ADMINISTRATIVE
AMENDMENT

MINOR
MODIFICATION

SIGNIFICANT
MODIFICATION

1. PERMIT TO BE ISSUED TO: Darling International Inc.	
2. MAILING ADDRESS:	
STREET/P.O. BOX: P.O. Box 1608	
CITY: Turlock	STATE: CA
	9-DIGIT ZIP CODE: 95381
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:	INSTALLATION DATE:
STREET: 11946 Carpenter Rd.	ASAP
CITY: Crows Landing	
¼ SECTION _____ TOWNSHIP _____ RANGE _____	
4. GENERAL NATURE OF BUSINESS: Food Processing Byproducts Recycling	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary)	
Replace existing 10,000 cfm H.E. Cyclone with a new 10,000 cfm Venturi Scrubber prior to the Regenerative Thermal Oxidizer.	
6. TYPE OR PRINT NAME OF APPLICANT: William R. McMurtry	TITLE OF APPLICANT: VP of Environmental Affairs
7. SIGNATURE OF APPLICANT: 	DATE: 9/29/08
	PHONE: (972) 281-4409
	FAX: (972) 717-0763
	EMAIL: bmcumrtry@arlingil.com

For APCD Use Only:

DATE STAMP	FILING FEE RECEIVED: \$ _____	CHECK#: _____
	DATE PAID: _____	

Proj # N-1083425

FID# N-2107

**San Joaquin Valley
Unified Air Pollution Control District**

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

- SIGNIFICANT PERMIT MODIFICATION ADMINISTRATIVE AMENDMENT
 MINOR PERMIT MODIFICATION

COMPANY NAME: Darling International Inc.	FACILITY ID: N - 2107
1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: Same	
3. Agent to the Owner:	

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the foregoing is correct and true.

William R. McMurtry
 Signature of Responsible Official

9/29/09
 Date

William R. McMurtry
 Name of Responsible Official (please print)

VP of Environmental Affairs
 Title of Responsible Official (please print)

ATTACHMENT D

Previous Title V Operating Permit No.
N-2107-9-10

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2107-9-10

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

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

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
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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 17.8 MMBtu/hr thermal oxidizer and the 3.0 MMBtu/hr RTO shall not be operated simultaneously. [District NSR Rule] Federally Enforceable Through Title V Permit
6. 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 NSR Rule] Federally Enforceable Through Title V Permit
7. Permittee shall maintain annual records of the amount of hours the 17.8 MMBtu/hr thermal oxidizer is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Each thermal oxidizer shall only be fired on PUC-regulated natural gas. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Each thermal oxidizer shall be operated at a temperature of no less than 1,400 degrees Fahrenheit and the retention time is to be no less than 1 second. [District NSR Rule and District Rule 4104] Federally Enforceable Through Title V Permit
10. 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
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12. Each thermal oxidizer shall continue to operate after the shut-down of the rendering processes until all contaminated process air is incinerated. [District NSR Rule and District Rule 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.

13. 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 NSR Rule] Federally Enforceable Through Title V Permit
14. 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 NSR Rule] Federally Enforceable Through Title V Permit
15. Facility-wide PM₁₀ emissions shall not exceed 29,200 lb per year. [District NSR Rule] Federally Enforceable Through Title V Permit
16. 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 NSR Rule and District Rule 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 5 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.