



APR 20 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 # 1071665

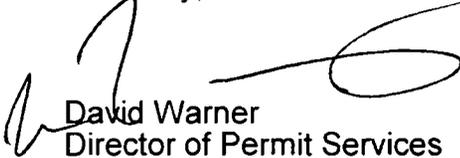
Dear Mr. Rios:

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 recently issued Authorities to Construct (ATC's) N-2107-1-8 and '-1-9 into the Title V operating permit. These ATC's authorized the modification of one 48.0 MMBtu/hr boiler to install a Selective Catalytic Reduction (SCR) system for District Rule 4306 compliance and to add denatured yellow grease as a backup fuel (yellow grease with up to 1.0% fuel oil content, by volume).

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued ATC's N-2107-1-8 and '-1-9, 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. Jim Swaney at (559) 230-5900.

Sincerely,



David Warner
Director of Permit Services

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
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Bakersfield, CA 93308-9725
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APR 20 2010

William McMurtry
Darling International, Inc.
P O Box 1068
Turlock, CA, 95381

**Re: Notice of Minor Title V Permit Modification
District Facility # N-2107
Project # 1071665**

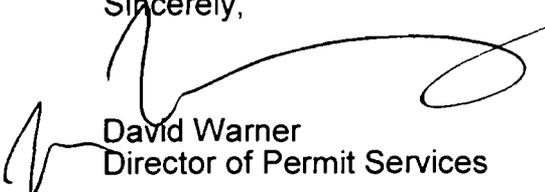
Dear Mr. McMurtry:

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 Authorities to Construct (ATC's) N-2107-1-8 and '-1-9 into the Title V operating permit. These ATC's authorized the modification of one 48.0 MMBtu/hr boiler to install a Selective Catalytic Reduction (SCR) system for District Rule 4306 compliance and to add denatured yellow grease as a backup fuel (yellow grease with up to 1.0% fuel oil content, by volume).

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued ATC's N-2107-1-8 and '-1-9, 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. Jim Swaney at (559) 230-5900.

Sincerely,


David Warner
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TITLE V APPLICATION REVIEW

Minor Modification
Project #: 1071665

Engineer: Dustin Brown
Date: April 19, 2010

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

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

Responsible Official: William McMurtry
Title: Vice President of Environmental Affairs

I. PROPOSAL

Darling International, Inc. is proposing a Title V minor permit modification to incorporate recently issued Authorities to Construct (ATC's) N-2107-1-8 and '-1-9 into the Title V operating permit. ATC N-2107-1-8 authorized the modification of one 48.0 MMBtu/hr natural gas or yellow grease fired boiler to install a selective catalytic reduction (SCR) system for compliance with District Rule 4306, Boilers, Steam Generators and Process Heaters – Phase 3 (enhanced compliance option). ATC N-2107-1-9 authorized the modification of the same 48.0 MMBtu/hr natural gas or yellow grease fired boiler to allow the use of denatured yellow grease (yellow grease with up to 1.0% fuel oil by volume) as a backup primary fuel.

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

Darling International, Inc. is located at 11946 Carpenter Road in Crows Landing, CA.

III. EQUIPMENT DESCRIPTION

N-2107-1-11: 48 MMBTU/HR NEBRASKA MODEL NS-C-53 NATURAL GAS, DENATURED YELLOW GREASE, OR YELLOW GREASE-FIRED BOILER WITH A TODD MODEL V651G LOW-NOX BURNER, A FLUE GAS RECIRCULATION SYSTEM (FGR), AND A SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM

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

Darling International, Inc. is proposing to modify one existing 48.0 MMBtu/hr natural gas or yellow grease fired boiler by installing a selective catalytic reduction (SCR) system and allowing the use of denatured yellow grease as a primary backup fuel (yellow grease with up to 1.0% fuel oil by volume). The installation of the SCR system is being performed solely for compliance with the requirements of District Rule 4306.

No increases in criteria pollutant emissions were associated with these proposed changes.

Existing PTO Condition Changes:

Existing PTO conditions 2, 8 and 14 have been revised in accordance with the District NSR Rule and the addition of denatured yellow grease as an allowable fuel burned by this boiler and have been included as conditions 2, 5 and 6, respectively, of the requirements for this revised permit.

Existing PTO conditions 3 through 7 have been revised in accordance with the District NSR Rule and the emission limits in Rule 4306 and have been combined and included as condition 9 of the requirements for this revised permit.

Existing PTO conditions 9 through 13 have been revised in accordance with the District NSR Rule and the emission limits in Rule 4306 and have been combined and included as condition 10 of the requirements for this revised permit.

Existing PTO conditions 15 has been revised in accordance with the District NSR Rule and has been included as condition 7 of the requirements for this revised permit.

Existing PTO conditions 16 has been revised in accordance with the District NSR Rule and the necessary changes to the NO_x daily emission calculation with the new natural gas emission limit that demonstrates compliance with Rule 4306, and has been included as condition 13 of the requirements for this revised permit.

Existing PTO conditions 17 and 18 have been revised in accordance with the District NSR Rule, Rule 4102 and the source testing requirements specified within District Rules 4305 and 4306 and have been included as conditions 17 and 18 of the requirements for this revised permit.

Existing PTO condition 23 has been revised in accordance with the source test method requirements specified in District Rules 4305 and 4306 and has been included as condition 25 of the requirements for this revised permit.

Existing PTO conditions 24, 25 and 26 have been revised in accordance with the alternate monitoring requirements specified within District Rules 4305 and 4306 and District Policy SSP 1105, "Emissions Monitoring for Rules 4305 and 4306" and have been included as conditions 30, 31 and 42 of the requirements for this revised permit.

Existing condition 31 has been revised in accordance with the District NSR Rule and the addition of denatured yellow grease as an allowable fuel burned by this boiler and has been included as condition 39 of the requirements for this revised permit.

Existing condition 32 has been revised in accordance with the District NSR Rule and to demonstrate compliance with the daily NO_x emission limit of 43.5 lb/day specified within this permit and has been included as condition 41 of the requirements for this revised permit.

Existing condition 33 has been revised in accordance with the recordkeeping requirements of District Rules 4305 and 4306 and has been included as condition 44 of the requirements for this revised permit.

Existing condition 34 has been revised in accordance with the addition of denatured yellow grease as a backup primary fuel for this unit and has been included as condition 19 of the requirements for this revised permit.

Existing conditions 35 and 36 have been revised in accordance with the addition of denatured yellow grease as a backup primary fuel for this unit and have been included as conditions 27 and 28 of the requirements for this revised permit.

Existing PTO condition 39 has been revised in accordance with the source testing requirements of District Rules 4305 and 4306 and has been included as condition 21 of the requirements for this revised permit.

Existing PTO condition 40 has been removed and not included in the requirements for this revised permit as this unit was in compliance with the requirements of Rule 4306 in accordance with the compliance schedule in Section 7.0 of the Rule (enhanced compliance option).

New PTO Conditions:

Condition 3 of the requirements for this revised permit was added to specify what denatured yellow grease fuel is made up of.

Condition 8 of the requirements for this revised permit was added to ensure that when fired on natural gas, the boiler is served by the SCR during all types of operation, except during startup and shutdown periods.

Conditions 11, 12 and 40 of the requirements for this revised permit were in accordance with the District NSR Rule and District Rules 4305 and 4306 to ensure continued compliance when the boiler is operating during startup and shutdown periods.

Condition 14 of the requirements for this revised permit was added in accordance with District Rule 4102 and to ensure continued compliance with the ammonia slip from the SCR system remains within acceptable levels.

Condition 22 of the requirements for this revised permit was added in accordance with the source testing requirements of District Rules 4305 and 4306.

Condition 26 of the requirements for this revised permit was added in accordance with District Rule 4102 and to ensure the appropriate test method is used when measuring ammonia slip during source testing.

Conditions 32 and 34 of the requirements for this revised permit were in accordance with the alternate monitoring and emission measurement requirements of District Rules 4305 and 4306.

Condition 33 of the requirements for this revised permit was added in accordance with District Rule 4102 to ensure that the applicant periodically measures the ammonia slip directly in the exhaust stack of the SCR system.

ATC Condition Changes:

N-2107-1-8:

ATC condition 1 has been removed and not included in the requirements for this revised permit as information provided by the District's Compliance staff indicates that Darling International implemented ATC N-2107-1-8 on November 21, 2006.

ATC conditions 2 and 3 have been removed and not included in the requirements for this revised permit as Darling International elected to implement ATC N-2107-1-8. ATC N-2107-1-7 has been cancelled.

ATC condition 4 has been removed and not included in the requirements for this revised permit as Darling International has submitted the appropriate Title V applications to incorporate this ATC in to their operating permit.

ATC conditions 5 and 6 have been removed as the requirements for both of these conditions are included in the requirements for facility wide permit S-1372-0-1.

ATC condition 19 has been removed and not included in the requirements for this revised permit as source testing within 60 days of initial startup of the SCR system has already been conducted. Therefore, this condition is no longer applicable.

N-2107-1-9:

ATC condition 1 has been removed and not included in the requirements for this revised permit as Darling International is implementing ATC N-2107-1-8 concurrently with ATC N-2107-1-9.

ATC condition 2 has been removed and not included in the requirements for this revised permit as Darling International has submitted the appropriate Title V applications to incorporate this ATC in to their operating permit.

ATC conditions 3 and 4 have been removed in the requirements for this revised permit as both of these conditions are already included in the requirements for facility wide permit N-2107-0-1.

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 N-2107-1-11
- B. Authorities to Construct N-2107-1-8 and -1-9
- C. Application
- D. Previous Title V Operating Permit N-2107-1-5

ATTACHMENT A

Proposed Modified Title V Operating Permit
N-2107-1-11

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2107-1-11

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

48 MMBTU/HR NEBRASKA MODEL NS-C-53 NATURAL GAS, DENATURED YELLOW GREASE, OR YELLOW GREASE-FIRED BOILER WITH A TODD MODEL V651G LOW-NOX BURNER, A FLUE GAS RECIRCULATION SYSTEM (FGR), AND A SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM

PERMIT UNIT REQUIREMENTS

1. {14} Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
2. The unit shall only be fired on PUC-regulated natural gas, denatured yellow grease, or yellow grease. [District NSR Rule and 4301, 5.2.1, and 40 CFR § 60.42c(d)] Federally Enforceable Through Title V Permit
3. Denatured yellow grease is yellow grease blended with fuel oil No. 2, not to exceed 1.0% fuel oil No.2 by volume. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall maintain records of the gallons of fuel oil and yellow grease blended to make the denatured yellow grease fuel. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The maximum amount of denatured yellow grease and yellow grease burned (combined) shall not exceed 6,409 gallons in any given day and 2,231,678 gallons in any given calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
6. The boiler shall be equipped with a non-resettable, totalizing liquid fuel flow meter to measure the amount of denatured yellow grease and yellow grease burned, in gallons. [District NSR Rule] Federally Enforceable Through Title V Permit
7. The boiler shall be equipped with a non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Except during start-up and shutdown, only when fired on natural gas, exhaust from this unit shall be controlled by the SCR system. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Except during start-up and shutdown, when fired on natural gas, emissions from this boiler shall not exceed any of the following emission limits: 6 ppmv NO_x @ 3% O₂ or 0.0073 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 50 ppmv CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District NSR Rule, and District Rules 4305, 5.1, and 4306, 5.1] Federally Enforceable Through Title V Permit
10. When fired on denatured yellow grease and yellow grease, emissions from this boiler shall not exceed any of the following limits: 40 ppmv NO_x @ 3% O₂ or 0.052 lb-NO_x/MMBtu, 0.0062 lb-SO_x/MMBtu, 0.005 lb-PM₁₀/MMBtu, 142 ppmv CO @ 3% O₂ or 0.1049 lb-CO/MMBtu, or 0.0056 lb-VOC/MMBtu. [District NSR Rule, and District Rules 4305, 5.1, and 4306, 5.1] Federally Enforceable Through Title V Permit
11. During start-up and shutdown, when fired on natural gas, emissions from this boiler shall not exceed any of the following emission limits: 30 ppmv NO_x @ 3% O₂ or 0.036 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 50 ppmv CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District NSR Rule, and District Rules 4305, 5.5.6, and 4306, 5.3] 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.

12. The total duration of startup and shutdown time shall not exceed any of the following limits: 2.0 hours startup per day, 2.0 hours shutdown per day, or 730 hours total startup and shutdown time per year. [District NSR Rule, and District Rules 4305, 5.5.6, and 4306, 5.3] Federally Enforceable Through Title V Permit
13. The NO_x emissions from this unit shall not exceed 43.5 pounds during any one day. The NO_x emissions shall be determined utilizing the following equation: [(cubic feet of natural gas burned during non-start-up and non-shutdown periods) x (7.3E-6) + (cubic feet of natural gas burned during start-up and shutdown periods) x (3.6E-5) + (combined number of gallons of yellow grease and denatured yellow grease burned) x (6.79E-3)]. [District NSR Rule] Federally Enforceable Through Title V Permit
14. The ammonia emission rate shall not exceed 5.0 ppmvd @ 3% O₂ over a 15 minute averaging period. [District Rule 4102]
15. 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 Rule 4801 and Stanislaus County Rule 407] Federally Enforceable Through Title V Permit
16. Source testing to measure denatured yellow grease-combustion for NO_x and CO emissions from this unit shall be conducted within 60 days of initial firing on denatured yellow grease. [District NSR Rule, and District Rule 4102, 4305, 6.3.1, and 4306, 6.3.1] Federally Enforceable Through Title V Permit
17. Source testing to measure natural gas combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District NSR Rule, and District Rules 4102, 4305, 6.3.1, and 4306, 6.3.1] Federally Enforceable Through Title V Permit
18. Source testing to measure yellow grease combustion NO_x and CO emissions from this unit shall be performed within 60 days of the combined amount of yellow grease and denatured yellow grease usage exceeding 29,877 gallons during any rolling 12-month period unless compliance with yellow grease NO_x and CO emissions has been demonstrated within 12 months prior to the date of the exceedance. After demonstrating compliance on two (2) consecutive source tests when the unit is fired on yellow grease, the unit shall be tested within 60 days of the combined amount of yellow grease and denatured yellow grease usage exceeding 29,877 gallons during any rolling 12-month period unless compliance with yellow grease NO_x and CO emissions has been demonstrated within 36 months prior to the date of the exceedance. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to the rolling 12-month period according to the requirements described above. [District NSR Rule, and District Rules 4102, 4305, 6.3.1, and 4306, 6.3.1] Federally Enforceable Through Title V Permit
19. Source testing to measure PM₁₀ emissions shall be conducted each calendar year boiler fires 720 hours (264,761 gallons) or more on denatured yellow grease and/or yellow grease. Source testing shall be performed using EPA Method 201A or CARB Method 501. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
20. 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 Rule 1081] Federally Enforceable Through Title V Permit
21. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 5.5.5 and 4306, 5.5.5] Federally Enforceable Through Title V Permit
22. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 5.5 and 4306, 5.5] Federally Enforceable Through Title V Permit
23. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 6.2, and 4306, 6.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
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24. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 6.2, and 4306, 6.2] Federally Enforceable Through Title V Permit
25. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 6.2, and 4306, 6.2] Federally Enforceable Through Title V Permit
26. Source testing for ammonia slip shall be conducted utilizing BAAQMD method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
27. Each denatured yellow grease and yellow grease fuel source shall be tested annually for sulfur content value by using ASTM methods D 1072, D 3031, D 4084, D 3246 or grab sample analysis by GC-FPD/TCD performed in the laboratory. The tested fuel sulfur content shall be used to calculate sulfur compounds emissions by use of mass balance technique. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. If fuel analysis is used to determine the sulfur content of denatured yellow grease and yellow grease, the fuel higher heating value for denatured yellow grease and yellow grease shall be determined by ASTM D 240 or D 2382 for liquid hydrocarbon fuels. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
29. 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
30. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 5.4 and 4306, 5.4] Federally Enforceable Through Title V Permit
31. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305, 5.4 and 4306, 5.4] Federally Enforceable Through Title V Permit
32. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 5.4 and 4306, 5.4] Federally Enforceable Through Title V Permit
33. The permittee shall monitor and record the stack concentration of ammonia (NH₃) at least once during each month in which a source test is not performed. NH₃ monitoring shall be conducted utilizing "short term" tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within one day of restarting the unit unless monitoring has been performed within the last month. [District Rule 4102]
34. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305, 5.5.2, and 4306, 5.5.2] 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.

35. The portable analyzer shall be calibrated as recommended by the manufacturer. All instrument calibration data shall be kept on file including the date of calibration. The calibration date shall not exceed 6 months prior to the date the stack concentrations are measured and recorded. [District Rule 4305] Federally Enforceable Through Title V Permit
36. Concentration measurements shall not be taken until the sample acquisition probe has been exposed to the stack gas for at least 150% of the response time. Measurements shall be taken in triplicate. [District Rule 4305] Federally Enforceable Through Title V Permit
37. If water vapor is not removed prior to measurement, the absolute humidity in the gas stream must be determined so that the gas concentrations may be reported on a dry basis. [District Rule 4305] Federally Enforceable Through Title V Permit
38. If water vapor creates an interference with the measurement of any component, then the water vapor must be removed from the gas stream prior to concentration measurements. [District Rule 4305] Federally Enforceable Through Title V Permit
39. Daily and annual records of yellow grease (and denatured yellow grease) consumption consisting of the date the boiler operated on either of these fuels and the amount of either of these fuels that was combusted in the boiler (in gallons) shall be maintained. [District NSR Rule and District Rule 1070] Federally Enforceable Through Title V Permit
40. Daily and annual records of start-up and shutdown durations and number of occurrences of each shall be kept. [District NSR Rule and District Rules 4305, 5.5.6, and 4306, 5.3] Federally Enforceable Through Title V Permit
41. A record of the daily NO_x emissions from this unit shall be kept for any day that yellow grease or denatured yellow grease is burned. [District NSR Rule] Federally Enforceable Through Title V Permit
42. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305, 6.1 and 4306, 6.1] Federally Enforceable Through Title V Permit
43. Copies of all natural gas fuel invoices and test results to determine compliance with the conditions of this permit shall be maintained. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
44. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made readily available for District inspection upon request. [District Rules 1070, 4305, 6.1, and 4306, 6.1] Federally Enforceable Through Title V Permit

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

DRAFT

ATTACHMENT B

Authorities to Construct
N-2107-1-8 and '-1-9



REVISED 3/31/2010

AUTHORITY TO CONSTRUCT

PERMIT NO: N-2107-1-8

ISSUANCE DATE: 09/27/2005

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 48 MMBTU/HR NEBRASKA MODEL NS-C-53 NATURAL GAS OR YELLOW GREASE-FIRED BOILER WITH A TODD MODEL V651G LOW-NOX BURNER WITH FLUE GAS RECIRCULATION SYSTEM (FGR); INSTALL SELECTIVE CATALYTIC REDUCTION (SCR) FOR RULE 4306 COMPLIANCE UNDER THE "ENHANCED" OPTION (REVISED 4/24/06) FOR NATURAL GAS COMBUSTION

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented by December 1, 2006. [District Rule 4306, 7.1] Federally Enforceable Through Title V Permit
2. Upon implementation and startup of the equipment authorized by this Authority to Construct (ATC), ATC N-2107-1-7 shall be cancelled. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Upon implementation and startup of the equipment authorized by ATC N-2107-1-7, this ATC shall be cancelled. [District Rule 2201] Federally Enforceable Through Title V Permit
4. 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
5. 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]
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
8. The unit shall only be fired on PUC-regulated natural gas or yellow grease. [District Rules 2201 and 4301, 5.2.1, and 40 CFR § 60.42c(d)] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-8400 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-2107-1-8: Mar 31 2010 11:35AM - SCHONHOM - Joint Inspection NOT Required

9. The maximum amount of yellow grease burned shall not exceed 6,409 gallons in any given day and 2,231,678 gallons in any given calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The boiler shall be equipped with a non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The boiler shall be equipped with a non-resettable, totalizing liquid fuel flow meter to measure the amount of yellow grease burned, in gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The NO_x emissions from this unit shall not exceed 43.5 pounds during any one day. The NO_x emissions shall be determined utilizing the following equation: [(cubic feet of natural gas burned during non-start-up and non-shutdown periods) x (7.3E-6) + (cubic feet of natural gas burned during start-up and shutdown periods) x (3.6E-5) + (gallons of yellow grease burned) x (6.79E-3)]. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Except during start-up and shutdown, when fired on natural gas, emissions from this boiler shall not exceed any of the following emission limits: 6 ppmv NO_x @ 3% O₂ or 0.0073 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 50 ppmv CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 5.1, and 4306, 5.1] Federally Enforceable Through Title V Permit
14. When fired on yellow grease, emissions from this boiler shall not exceed any of the following limits: 40 ppmv NO_x @ 3% O₂ or 0.052 lb-NO_x/MMBtu, 0.0062 lb-SO_x/MMBtu, 0.005 lb-PM₁₀/MMBtu, 142 ppmv CO @ 3% O₂ or 0.1049 lb-CO/MMBtu, or 0.0056 lb-VOC/MMBtu. [District Rules 2201, 4305, 5.1, and 4306, 5.1] Federally Enforceable Through Title V Permit
15. During start-up and shutdown, when fired on natural gas, emissions from this boiler shall not exceed any of the following emission limits: 30 ppmv NO_x @ 3% O₂ or 0.036 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 50 ppmv CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 5.5.6, and 4306, 5.3] Federally Enforceable Through Title V Permit
16. The total duration of startup and shutdown time shall not exceed any of the following limits: 2.0 hours startup per day, 2.0 hours shutdown per day, or 730 hours total startup and shutdown time per year. [District Rules 2201, 4305, 5.5.6, and 4306, 5.3] Federally Enforceable Through Title V Permit
17. The ammonia emission rate shall not exceed 5.0 ppmvd @ 3% O₂ over a 15 minute averaging period. [District Rule 4102]
18. Sulfur compound emissions shall not exceed 2000 ppmv as SO₂. [District Rule 4801] Federally Enforceable Through Title V Permit
19. Source testing to measure natural gas-combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted within 60 days of initial start-up. [District Rules 2201, 4102, 4305, 6.3.1, and 4306, 6.3.1] Federally Enforceable Through Title V Permit
20. Source testing to measure natural gas combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 2201, 4102, 4305, 6.3.1, and 4306, 6.3.1] Federally Enforceable Through Title V Permit
21. Source testing to measure yellow grease combustion NO_x, and CO emissions shall be required when yellow grease usage exceeds 36,772 gallons during the previous 12 months from the date of the proposed source test. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on yellow grease, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 2201, 4102, 4305, 6.3.1, and 4306, 6.3.1] Federally Enforceable Through Title V Permit
22. Source testing to measure PM₁₀ emissions shall be conducted each calendar year boiler fires 720 hours (264,761 gallons) or more on yellow grease. Source testing shall be performed using EPA Method 201A or CARB Method 501. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

23. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 5.5.5 and 4306, 5.5.5] Federally Enforceable Through Title V Permit
24. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 5.5 and 4306, 5.5] Federally Enforceable Through Title V Permit
25. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 6.2, and 4306, 6.2] Federally Enforceable Through Title V Permit
26. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 6.2, and 4306, 6.2] Federally Enforceable Through Title V Permit
27. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 6.2, and 4306, 6.2] Federally Enforceable Through Title V Permit
28. Source testing for ammonia slip shall be conducted utilizing BAAQMD method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
29. Each yellow grease fuel source shall be tested annually for sulfur content value by using ASTM methods D 1072, D 3031, D 4084, D 3246 or grab sample analysis by GC-FPD/TCD performed in the laboratory. The tested fuel sulfur content shall be used to calculate sulfur compounds emissions by use of mass balance technique. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
30. If fuel analysis is used to determine the sulfur content of yellow grease, the fuel higher heating value for yellow grease shall be determined by ASTM D 240 or D 2382 for liquid hydrocarbon fuels. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
31. 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
32. 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 Rule 1081] Federally Enforceable Through Title V Permit
33. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 5.4 and 4306, 5.4] Federally Enforceable Through Title V Permit
34. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305, 5.4 and 4306, 5.4] Federally Enforceable Through Title V Permit
35. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 5.4 and 4306, 5.4] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

36. The permittee shall monitor and record the stack concentration of ammonia (NH₃) at least once during each month in which a source test is not performed. NH₃ monitoring shall be conducted utilizing "short term" tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within one day of restarting the unit unless monitoring has been performed within the last month. [District Rule 4102]
37. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305, 5.5.2, and 4306, 5.5.2] Federally Enforceable Through Title V Permit
38. The portable analyzer shall be calibrated as recommended by the manufacturer. All instrument calibration data shall be kept on file including the date of calibration. The calibration date shall not exceed 6 months prior to the date the stack concentrations are measured and recorded. [District Rule 4305] Federally Enforceable Through Title V Permit
39. Concentration measurements shall not be taken until the sample acquisition probe has been exposed to the stack gas for at least 150% of the response time. Measurements shall be taken in triplicate. [District Rule 4305] Federally Enforceable Through Title V Permit
40. If water vapor is not removed prior to measurement, the absolute humidity in the gas stream must be determined so that the gas concentrations may be reported on a dry basis. [District Rule 4305] Federally Enforceable Through Title V Permit
41. If water vapor creates an interference with the measurement of any component, then the water vapor must be removed from the gas stream prior to concentration measurements. [District Rule 4305] Federally Enforceable Through Title V Permit
42. A record of yellow grease consumption consisting of the date the boiler operated on yellow grease and the amount of yellow grease that was combusted in the boiler (in gallons), shall be maintained and retained on the premises for a period of at least five years and made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
43. A record of the daily NO_x emissions from this unit shall be kept for any day that yellow grease is burned. [District Rule 2201] Federally Enforceable Through Title V Permit
44. Daily and annual records of start-up and shutdown durations and number of occurrences of each shall be kept. [District Rules 2201, 4305, 5.5.6, and 4306, 5.3] Federally Enforceable Through Title V Permit
45. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305, 6.1 and 4306, 6.1] Federally Enforceable Through Title V Permit
46. 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 1070, 4305, 6.1, and 4306, 6.1] Federally Enforceable Through Title V Permit



REVISED 3/31/2010

AUTHORITY TO CONSTRUCT

PERMIT NO: N-2107-1-9

ISSUANCE DATE: 03/06/2007

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 48 MMBTU/HR NEBRASKA MODEL NS-C-53 NATURAL GAS OR YELLOW GREASE-FIRED BOILER WITH A TODD MODEL V651G LOW-NOX BURNER AND FLUE GAS RECIRCULATION SYSTEM: ALLOW USE OF DENATURED YELLOW GREASE (YELLOW GREASE WITH UP TO 1.0% FUEL OIL BY VOLUME) AS FUEL

CONDITIONS

1. Authority to Construct (ATC) N-2107-1-8 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
2. 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
3. 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]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. The unit shall only be fired on PUC-regulated natural gas, denatured yellow grease, or yellow grease. [District NSR Rule and 4301, 5.2.1, and 40 CFR § 60.42c(d)] Federally Enforceable Through Title V Permit
7. Denatured yellow grease is yellow grease blended with fuel oil No. 2, not to exceed 1.0% fuel oil No.2 by volume. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Permittee shall maintain records of the gallons of fuel oil and yellow grease blended to make the denatured yellow grease fuel. [District NSR Rule] Federally Enforceable Through Title V Permit

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.

Sayed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-2107-1-9, Mar 31 2010 11:38AM - SCHOHDM - Joint Inspection NOT Required

9. The maximum amount of denatured yellow grease and yellow grease burned (combined) shall not exceed 6,409 gallons in any given day and 2,231,678 gallons in any given calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
10. The boiler shall be equipped with a non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintain. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The boiler shall be equipped with a non-resettable, totalizing liquid fuel flow meter to measure the amount of denatured yellow grease and yellow grease burned, in gallons. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Except during start-up and shutdown, only when fired on natural gas, exhaust from this unit shall be controlled by the SCR system. [District NSR Rule] Federally Enforceable Through Title V Permit
13. The NO_x emissions from this unit shall not exceed 43.5 pounds during any one day. The NO_x emissions shall be determined utilizing the following equation: [(cubic feet of natural gas burned during non-start-up and non-shutdown periods) x (7.3E-6) + (cubic feet of natural gas burned during start-up and shutdown periods) x (3.6E-5) + (combined number of gallons of yellow grease and denatured yellow grease burned) x (6.79E-3)]. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Except during start-up and shutdown, when fired on natural gas, emissions from this boiler shall not exceed any of the following emission limits: 6 ppmv NO_x @ 3% O₂ or 0.0073 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 50 ppmv CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District NSR Rule, and Rules 4305, 5.1, and 4306, 5.1] Federally Enforceable Through Title V Permit
15. When fired on denatured yellow grease and yellow grease, emissions from this boiler shall not exceed any of the following limits: 40 ppmv NO_x @ 3% O₂ or 0.052 lb-NO_x/MMBtu, 0.0062 lb-SO_x/MMBtu, 0.005 lb-PM₁₀/MMBtu, 142 ppmv CO @ 3% O₂ or 0.1049 lb-CO/MMBtu, or 0.0056 lb-VOC/MMBtu. [District NSR Rule, and Rules 4305, 5.1, and 4306, 5.1] Federally Enforceable Through Title V Permit
16. During start-up and shutdown, when fired on natural gas, emissions from this boiler shall not exceed any of the following emission limits: 30 ppmv NO_x @ 3% O₂ or 0.036 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 50 ppmv CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District NSR Rule, and Rules 4305, 5.5.6, and 4306, 5.3] Federally Enforceable Through Title V Permit
17. The total duration of startup and shutdown time shall not exceed any of the following limits: 2.0 hours startup per day, 2.0 hours shutdown per day, or 730 hours total startup and shutdown time per year. [District NSR Rule, and Rules 4305, 5.5.6, and 4306, 5.3] Federally Enforceable Through Title V Permit
18. The ammonia emission rate shall not exceed 5.0 ppmvd @ 3% O₂ over a 15 minute averaging period. [District Rule 4102]
19. Sulfur compound emissions shall not exceed 2000 ppmv as SO₂. [District Rule 4801] Federally Enforceable Through Title V Permit
20. Source testing to measure denatured yellow grease-combustion for NO_x and CO emissions from this unit shall be conducted within 60 days of initial firing on denatured yellow grease. [District NSR Rule, and Rule 4102, 4305, 6.3.1, and 4306, 6.3.1] Federally Enforceable Through Title V Permit
21. Source testing to measure natural gas combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District NSR Rule, and Rules 4102, 4305, 6.3.1, and 4306, 6.3.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

22. Source testing to measure yellow grease combustion NOx and CO emissions from this unit shall be performed within 60 days of the combined amount of yellow grease and denatured yellow grease usage exceeding 29,877 gallons during any rolling 12-month period unless compliance with yellow grease NOx and CO emissions has been demonstrated within 12 months prior to the date of the exceedance. After demonstrating compliance on two (2) consecutive source tests when the unit is fired on yellow grease, the unit shall be tested within 60 days of the combined amount of yellow grease and denatured yellow grease usage exceeding 29,877 gallons during any rolling 12-month period unless compliance with yellow grease NOx and CO emissions has been demonstrated within 36 months prior to the date of the exceedance. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to the rolling 12-month period according to the requirements described above. [District NSR Rule, and Rules 4102, 4305, 6.3.1, and 4306, 6.3.1] Federally Enforceable Through Title V Permit
23. Source testing to measure PM10 emissions shall be conducted each calendar year boiler fires 720 hours (264,761 gallons) or more on denatured yellow grease and/or yellow grease. Source testing shall be performed using EPA Method 201A or CARB Method 501. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
24. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 5.5.5 and 4306, 5.5.5] Federally Enforceable Through Title V Permit
25. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 5.5 and 4306, 5.5] Federally Enforceable Through Title V Permit
26. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 6.2, and 4306, 6.2] Federally Enforceable Through Title V Permit
27. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 6.2, and 4306, 6.2] Federally Enforceable Through Title V Permit
28. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 6.2, and 4306, 6.2] Federally Enforceable Through Title V Permit
29. Source testing for ammonia slip shall be conducted utilizing BAAQMD method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
30. Each denatured yellow grease and yellow grease fuel source shall be tested annually for sulfur content value by using ASTM methods D 1072, D 3031, D 4084, D 3246 or grab sample analysis by GC-FPD/TCD performed in the laboratory. The tested fuel sulfur content shall be used to calculate sulfur compounds emissions by use of mass balance technique. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
31. If fuel analysis is used to determine the sulfur content of denatured yellow grease and yellow grease, the fuel higher heating value for denatured yellow grease and yellow grease shall be determined by ASTM D 240 or D 2382 for liquid hydrocarbon fuels. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. 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
33. 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 Rule 1081] Federally Enforceable Through Title V Permit
34. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 5.4 and 4306, 5.4] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

35. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305, 5.4 and 4306, 5.4] Federally Enforceable Through Title V Permit
36. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 5.4 and 4306, 5.4] Federally Enforceable Through Title V Permit
37. The permittee shall monitor and record the stack concentration of ammonia (NH₃) at least once during each month in which a source test is not performed. NH₃ monitoring shall be conducted utilizing "short term" tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within one day of restarting the unit unless monitoring has been performed within the last month. [District Rule 4102]
38. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305, 5.5.2, and 4306, 5.5.2] Federally Enforceable Through Title V Permit
39. The portable analyzer shall be calibrated as recommended by the manufacturer. All instrument calibration data shall be kept on file including the date of calibration. The calibration date shall not exceed 6 months prior to the date the stack concentrations are measured and recorded. [District Rule 4305] Federally Enforceable Through Title V Permit
40. Concentration measurements shall not be taken until the sample acquisition probe has been exposed to the stack gas for at least 150% of the response time. Measurements shall be taken in triplicate. [District Rule 4305] Federally Enforceable Through Title V Permit
41. If water vapor is not removed prior to measurement, the absolute humidity in the gas stream must be determined so that the gas concentrations may be reported on a dry basis. [District Rule 4305] Federally Enforceable Through Title V Permit
42. If water vapor creates an interference with the measurement of any component, then the water vapor must be removed from the gas stream prior to concentration measurements. [District Rule 4305] Federally Enforceable Through Title V Permit
43. Daily and annual records of yellow grease (and denatured yellow grease) consumption consisting of the date the boiler operated on either of these fuels and the amount of either of these fuels that was combusted in the boiler (in gallons) shall be maintained. [District NSR Rule and Rule 1070] Federally Enforceable Through Title V Permit
44. A record of the daily NO_x emissions from this unit shall be kept for any day that yellow grease or denatured yellow grease is burned. [District Rule 2201] Federally Enforceable Through Title V Permit
45. Daily and annual records of start-up and shutdown durations and number of occurrences of each shall be kept. [District NSR Rule and Rules 4305, 5.5.6, and 4306, 5.3] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

46. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305, 6.1 and 4306, 6.1] Federally Enforceable Through Title V Permit
47. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made readily available for District inspection upon request. [District Rules 1070, 4305, 6.1, and 4306, 6.1] Federally Enforceable Through Title V Permit

ATTACHMENT C

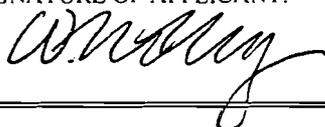
Application

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: <u>P.O. Box 1608</u> CITY: <u>Turlock</u> STATE: <u>CA</u> 9-DIGIT ZIP CODE: <u>95381</u>	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: <u>11946 Carpenter Rd.</u> CITY: <u>Crows Landing</u> _____% SECTION _____ TOWNSHIP _____ RANGE _____	INSTALLATION DATE:
4. GENERAL NATURE OF BUSINESS: Animal By-Products Recycling	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) N-2107-1-8 – Modify existing boiler with SCR to meet compliance requirements of rule 4306. Application was originally made on 5/26/05 requesting a modification of N-2107-1-6 for the Enhanced Option. N-2107-1-7 was issued on 3/31/05, voided by the SJVAPCD, and N-2107-1-8 was issued on 9/27/05. Darling then requested modification of N-2107-1-8 for the use of denatured biofuel, and N-2107-1-9 was issued on 3/6/07.	
6. TYPE OR PRINT NAME OF APPLICANT: William R. McMurtry	TITLE OF APPLICANT: V.P. of Environmental Affairs
7. SIGNATURE OF APPLICANT: 	DATE: <u>4/30/07</u> PHONE: (972) 281-4409 FAX: (972) 717-0763 EMAIL: <u>bcmurtry@darlingii.com</u>

For APCD Use Only:

<p>DATE RECEIVED RECEIVED MAY 01 2007 SJVAPCD NORTHWESTERN REGION</p>	<p>FILING FEE RECEIVED: \$ <u>0</u> CHECK#: <u>—</u> DATE PAID: _____ PROJECT NO: <u>N1071665</u> FACILITY ID: <u>N/2107</u></p>
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San Joaquin Valley Air Pollution Control District

www.valleyair.org

Permit Application For:

[] ADMINISTRATIVE AMENDMENT [X] MINOR MODIFICATION [] SIGNIFICANT MODIFICATION

1. PERMIT TO BE ISSUED TO: <p style="text-align: center;">Darling International Inc.</p>	
2. MAILING ADDRESS: STREET/P.O. BOX: <u>P.O. Box 1608</u> CITY: <u>Turlock</u> STATE: <u>CA</u> ZIP CODE: <u>95381</u>	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: <u>11946 Carpenter Rd.</u> CITY: <u>Crows Landing</u> SECTION _____ TOWNSHIP _____ RANGE _____	INSTALLATION DATE:
4. GENERAL NATURE OF BUSINESS: Animal By-Products Recycling	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) N-2107-1-9 – Add use of denatured yellow grease (yellow grease with up to 1.0% fuel oil by volume) as fuel	
6. TYPE OR PRINT NAME OF APPLICANT: William R. McMurtry	TITLE OF APPLICANT: V.P. of Environmental Affairs
7. SIGNATURE OF APPLICANT: 	DATE: <u>4/12/07</u> PHONE: (972) 281-4409 FAX: (972) 717-0763 EMAIL: bmcumrtry@darlingii.com

For APCD Use Only:

<p>RECEIVED APR 16 2007 SJVAPCD NORTHERN REGION</p>	<p>FILING FEE RECEIVED: \$ <u> </u> CHECK#: <u> </u> DATE PAID: <u>N-1071665</u> PROJECT NO: <u>N107144</u> FACILITY ID: <u>N2107</u></p>
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San Joaquin Valley
Unified Air Pollution Control District

RECEIVED

MAY 01 2007

SJVAPCD

MONTEREY REGION

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: Darling International Inc.	
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 source identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the source 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 forgoing is correct and true:

William P. McNulty
Signature of Responsible Official

4/30/07
Date

WILLIAM P. MCNULTY
Name of Responsible Official (please print)

UP OF ENVIRONMENTAL AFFAIRS
Title of Responsible Official (please print)

ATTACHMENT D

Previous Title V Operating Permit
N-2107-1-5

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2107-1-5

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

48 MMBTU/HR NEBRASKA MODEL NS-C-53 NATURAL GAS OR YELLOW GREASE-FIRED BOILER WITH A TODD MODEL V651G LOW-NOX BURNER AND FLUE GAS RECIRCULATION SYSTEM

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. This boiler shall only be fired on PUC regulated natural gas or yellow grease. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The NOx emissions from the boiler shall not exceed 30 ppmvd @ 3% O2 or 0.036 lbs/MMBtu when fired on PUC regulated natural gas (based on a 15 minute averaging period). [District NSR Rule, 4305 and 4351] Federally Enforceable Through Title V Permit
4. The CO emissions from the boiler shall not exceed 50 ppmvd @ 3% O2 or 0.037 lb/MMBtu when fired on PUC regulated natural gas (based on a 15 minute averaging period). [District NSR Rule, 4305 and 4351] Federally Enforceable Through Title V Permit
5. The VOC emissions from the boiler shall not exceed 0.0055 lb/MMBtu when fired on PUC regulated natural gas. [District NSR Rule] Federally Enforceable Through Title V Permit
6. The PM10 emissions from the boiler shall not exceed 0.0076 lb/MMBtu when fired on PUC regulated natural gas. [District NSR Rule] Federally Enforceable Through Title V Permit
7. The SOx emissions from the boiler shall not exceed 0.00285 lb/MMBtu when fired on PUC regulated natural gas. [District NSR Rule] Federally Enforceable Through Title V Permit
8. The maximum amount of yellow grease burned shall not exceed 6,409 gallons in any given day and 2,231,678 gallons in any given calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
9. The NOx emissions from the boiler shall not exceed 40 ppmvd @ 3% O2 or 0.052 lb/MMBtu when fired on yellow grease (based on a 15 minute averaging period). [District NSR Rule, 4305 and 4351] Federally Enforceable Through Title V Permit
10. The CO emissions from the boiler shall not exceed 50 ppmvd @ 3% O2 or 0.040 lb/MMBtu when fired on yellow grease (based on a 15 minute averaging period). [District NSR Rule, 4305 and 4351] Federally Enforceable Through Title V Permit
11. The VOC emissions from the boiler shall not exceed 0.0056 lb/MMBtu when fired on yellow grease. [District NSR Rule] Federally Enforceable Through Title V Permit
12. The PM10 emissions from the boiler shall not exceed 0.005 lb/MMBtu when fired on yellow grease. [District NSR Rule] Federally Enforceable Through Title V Permit
13. The SOx emissions from the boiler shall not exceed 0.0062 lb/MMBtu when fired on yellow grease. [District NSR Rule] 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 boiler shall be equipped with a non-resettable, totalizing liquid fuel flow meter to measure the amount of yellow grease burned, in gallons. [District NSR Rule] Federally Enforceable Through Title V Permit
15. If the facility burns both natural gas and yellow grease during any one day, then the boiler shall be equipped with a non-resettable totalizing natural gas fuel flow meter. [District NSR Rule] Federally Enforceable Through Title V Permit
16. If the facility wishes to burn both natural gas and yellow grease during any one day, the amount of each fuel that can be burned during that day, such that the NO_x emissions from the boiler do not exceed 43.5 pounds, shall be determined using the following equation: $\{[(\text{cubic feet of natural gas burned}) * (3.6\text{E-}5)] + [(\text{gallons of yellow grease burned}) * (6.79\text{E-}3)]\} = 43.5$. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Source testing to measure NO_x and CO emissions, while the boiler is being fired on natural gas, shall be conducted at least once every 12 months. If compliance with the natural gas NO_x and CO emission limits is demonstrated on two consecutive compliance source tests, then the subsequent source test may be deferred for up to thirty-six months. [District NSR Rule and 4305] Federally Enforceable Through Title V Permit
18. Source testing to measure NO_x and CO emissions, while the boiler is being fired on yellow grease, shall be conducted at least once every 12 months if the amount of yellow grease burned exceeds 36,772 gallons during the previous 12 months from the date of the proposed test. [District NSR Rule and 4305] Federally Enforceable Through Title V Permit
19. 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 Rule 1081] Federally Enforceable Through Title V Permit
20. 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
21. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rule 4305] Federally Enforceable Through Title V Permit
22. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4305] Federally Enforceable Through Title V Permit
23. Stack gas oxygen shall be determined using EPA Method 3 or 3A or ARB Method 100 and stack gas moisture content by EPA Method 4. [District Rule 4305] Federally Enforceable Through Title V Permit
24. The stack concentration of NO_x (as NO₂), CO, and O₂ shall be measured at least on a monthly basis using a District approved portable analyzer. [District Rule 4305] Federally Enforceable Through Title V Permit
25. If the NO_x or CO concentrations, as measured by the portable analyzer, exceed the allowable emissions rate, the permittee shall notify the District and take corrective action within one (1) hour after detection. If the portable analyzer readings continue to exceed the allowable emissions rate, the permittee shall conduct an emissions test within 60 days, utilizing District-approved test methods, to demonstrate compliance with the applicable emissions limits. [District Rule 4305] Federally Enforceable Through Title V Permit
26. The permittee shall maintain records of the date and time of NO_x, CO, and O₂ measurements, the measured NO₂ and CO concentrations corrected to 3% O₂, and the O₂ concentration. The records must also include a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4305] Federally Enforceable Through Title V Permit
27. The portable analyzer shall be calibrated as recommended by the manufacturer. All instrument calibration data shall be kept on file including the date of calibration. The calibration date shall not exceed 6 months prior to the date the stack concentrations are measured and recorded. [District Rule 4305] Federally Enforceable Through Title V Permit
28. Concentration measurements shall not be taken until the sample acquisition probe has been exposed to the stack gas for at least 150% of the response time. Measurements shall be taken in triplicate. [District Rule 4305] 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.

29. If water vapor is not removed prior to measurement, the absolute humidity in the gas stream must be determined so that the gas concentrations may be reported on a dry basis. [District Rule 4305] Federally Enforceable Through Title V Permit
30. If water vapor creates an interference with the measurement of any component, then the water vapor must be removed from the gas stream prior to concentration measurements. [District Rule 4305] Federally Enforceable Through Title V Permit
31. The permittee shall maintain records, in gallons, of the amount of yellow grease burned during any given day. The permittee shall also maintain records, in gallons, of the cumulative amount of yellow grease burned during any given calendar year. [District Rule 1070 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. If natural gas and yellow grease are both burned during any given day, the permittee shall maintain records, in standard cubic feet, of the amount of natural gas burned during that day. [District Rule 1070 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
33. Records shall be retained for a minimum of five years and made available for District inspection upon request. [District Rule 1070 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
34. Source testing to measure PM10 emissions shall be conducted each calendar year boiler fires 720 hours (264,761 gallons) or more on yellow grease. Source testing shall be performed using EPA Method 201A or CARB Method 501. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
35. Each yellow grease fuel source shall be tested annually for sulfur content value by using ASTM methods D 1072, D 3031, D 4084, D 3246 or grab sample analysis by GC-FPD/TCD performed in the laboratory. The tested fuel sulfur content shall be used to calculate sulfur compounds emissions by use of mass balance technique. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
36. If fuel analysis is used to determine the sulfur content of yellow grease, the fuel higher heating value for yellow grease shall be determined by ASTM D 240 or D 2382 for liquid hydrocarbon fuels. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
37. 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 Rule 4801 and Stanislaus County Rule 407] Federally Enforceable Through Title V Permit
38. Copies of all natural gas fuel invoices and test results to determine compliance with the conditions of this permit shall be maintained. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
39. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (amended 12/16/93), of 3 thirty minute test runs for NOx and CO. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
40. The owner or operator of an boiler, steam generator, or heat exchanger subject to the requirement of District Rule 4306 shall comply with all applicable deadlines in Table 2, Section 7.0 of the Rule. [District Rule 4306] Federally Enforceable Through Title V Permit

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