



FEB 08 2011

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

**Re: Notice of Minor Title V Permit Modification  
District Facility # N-2107  
Project # N-1100264**

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 N-2107-13-0 and '13-1 into the Title V operating permit. Install a new 76.93 MMBtu/hr Nebraska Model NS-E-57 natural gas fired boiler equipped with a flue gas recirculation (FGR) and ammonia selective catalytic reduction (SCR) system and modification of this boiler to reduce the NOx emission rate limit from 9 ppmvd to 7 ppmvd @ 3% oxygen for compliance with District Rule 4320.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued N-2107-13-0 and '13-1, emission increases, and application. 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/RG: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

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



FEB 08 2011

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-1100264**

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 N-2107-13-0 and '13-1 into the Title V operating permit. Install a new 76.93 MMBtu/hr Nebraska Model NS-E-57 natural gas fired boiler equipped with a flue gas recirculation (FGR) and ammonia selective catalytic reduction (SCR) system and modification of this boiler to reduce the NOx emission rate limit from 9 ppmvd to 7 ppmvd @ 3% oxygen for compliance with District Rule 4320.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued N-2107-13-0 and '13-1, emission increases, and application. 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

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Tel: 661-392-5500 FAX: 661-392-5585

# **TITLE V APPLICATION REVIEW**

Minor Modification  
Project #: N-1100264

Engineer: Kai Chan  
Date: December 23, 2010

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

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

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

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## **I. PROPOSAL**

Darling International, Inc. is proposing a Title V minor permit modification to incorporate the recently issued Authority to Construct (ATC) permits N-2107-13-0 and N-2107-13-1 into their Title V operating permit. ATC permit N-2107-13-0 authorized the installation of a 76.93 MMBtu/hr Nebraska natural gas-fired boiler. ATC permit N-2107-13-1 authorized the modification of the same 76.93 MMBtu/hr boiler to reduce the NOx emission limit from 9 ppmvd to 7 ppmvd @ 3% oxygen for compliance with District Rule 4320 (Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters greater than 5.0 MMBtu/hr – 10/16/08 version).

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**

11946 Carpenter Road  
Crows Landing, CA

### III. EQUIPMENT DESCRIPTION

**N-2107-13-3:** 76.93 MMBTU/HR NEBRASKA MODEL NS-E-57 NATURAL GAS-FIRED BOILER EQUIPPED WITH A FLUE GAS RECIRCULATION (FGR) SYSTEM AND AMMONIA SELECTIVE CATALYTIC REDUCTION (SCR).

### 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 incorporate Authority to Construct (ATC) permits N-2107-13-0 and N-2107-13-1 into the Title V Permit to Operate (PTO) as N-2107-13-2 and N-2107-13-3, respectively. These permits are to initially install a new boiler and to modify the same boiler to reduce the originally proposed NO<sub>x</sub> emissions limit from 9 ppmvd to 7 ppmvd @ 3% oxygen to comply with the requirements of District Rule 4320. A copy of the ATC permits N-2107-13-0 and N-2107-13-1 are included in Appendix C.

#### Proposed PTO N-2107-13-2:

1. Permit conditions 2. and 3. on ATC permit N-2107-13-0 were deleted since they already appear on the facility-wide permit N-2107-0-1.
2. Permit conditions 4. through 14. from ATC permit N-2107-13-0 appears as conditions 2. through 12. on proposed PTO N-2107-13-2.
3. Permit condition 15. from ATC permit N-2107-13-0 appears as condition 21. on proposed PTO N-2107-13-2.
4. Permit conditions 16. and 17. from ATC permit N-2107-13-0 appears as conditions 13. and 14. on proposed PTO N-2107-13-2.

5. Permit condition 18. from ATC permit N-2107-13-0 was deleted since this requirement is already included as part of permit condition 22 on the ATC permit.
6. Permit condition 19. on ATC permit N-2107-13-0 were deleted since source testing within 60 days of initial startup of the boiler has already been conducted. Therefore, this condition is no longer required.
7. Permit conditions 20. through 25. from ATC permit N-2107-13-0 appears as conditions 15. through 20. on proposed PTO N-2107-13-2.

A copy of the proposed PTO N-2107-13-2 is included in Appendix B.

Proposed PTO N-2107-13-2 is for the initial install of the 76.93 MMBtu/hr boiler and will now be referenced as the current PTO N-2107-13-2. Proposed PTO N-2107-13-3 will be for the modification of this boiler to reduce the NOx emissions limit for compliance with District Rule 4320 (Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters greater than 5.0 MMBtu/hr – 10/16/08 version) as authorized under ATC permit N-2107-13-1. Therefore, proposed PTO N-2107-13-3 will supersede the current PTO N-2107-13-2 and the following are the changes to current PTO N-2107-13-2 due to the implementation of ATC permit N-2107-13-1

Proposed PTO N-2107-13-3:

1. Permit condition 1. on ATC permit N-2107-13-1 was deleted since this condition was satisfied by the applicant's submittal of the application for this Title V permitting action.
2. Permit condition 2. on ATC permit N-2107-13-1 was deleted since the applicant is implementing ATC permit N-2107-13-0 concurrently with ATC permit N-2107-13-1.
3. Permit condition 3. from ATC permit N-2107-13-1 appears as condition 1. on the current PTO N-2107-13-2 and proposed PTO N-2107-13-3.
4. Permit conditions 4. and 5. on ATC permit N-2107-13-1 were deleted since they already appear on the facility-wide permit N-2107-0-1.
5. Permit conditions 6. and 7. on the ATC permit N-2107-13-1 appears as conditions 2. and 3. on the current PTO N-2107-13-2 and proposed PTO N-2107-13-3.

6. Permit condition 4. on the current PTO N-2107-13-2 was replaced by permit condition 8. on ATC permit N-2107-13-1 and appears as condition 4. on the proposed PTO N-2107-13-3. This condition limits the NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC emissions from the modified boiler as proposed by the applicant under ATC permit N-2107-13-1. Only the NO<sub>x</sub> emissions limit was modified to comply with the requirements of District Rule 4320 (Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters greater than 5.0 MMBtu/hr – 10/16/08 version), per Section 5.2.3.
7. Permit condition 9. on ATC permit N-2107-13-1 and permit condition 13. on current PTO N-2107-13-2 appears as condition 5. on proposed PTO N-2107-13-3.
8. Permit condition 10. on ATC permit N-2107-13-1 appears as condition 6. on proposed PTO N-2107-13-3. This condition was added to comply with the requirements of District Rule 4320 (Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters greater than 5.0 MMBtu/hr – 10/16/08 version), per Section 5.7.6.
9. Permit condition 11. on ATC permit N-2107-13-1 and permit condition 5. on current PTO N-2107-13-2 appears as condition 7. on proposed PTO N-2107-13-3.
10. Permit condition 12. on ATC permit N-2107-13-1 and permit condition 6. on current PTO N-2107-13-2 appears as condition 8. on proposed PTO N-2107-13-3.
11. Permit condition 13. on ATC permit N-2107-13-1 and permit condition 7. on current PTO N-2107-13-2 appears as condition 9. on proposed PTO N-2107-13-3.
12. Permit condition 14. on ATC permit N-2107-13-1 and permit condition 8. on current PTO N-2107-13-2 appears as condition 10. on proposed PTO N-2107-13-3.
13. Permit condition 15. on ATC permit N-2107-13-1 and permit condition 9. on current PTO N-2107-13-2 appears as condition 11. on proposed PTO N-2107-13-3.
14. Permit condition 16. on ATC permit N-2107-13-1 and permit condition 10. on current PTO N-2107-13-2 appears as condition 12. on proposed PTO N-2107-13-3.

15. Permit condition 17. on ATC permit N-2107-13-1 and permit condition 15. on current PTO N-2107-13-2 appears as condition 13. on proposed PTO N-2107-13-3.
16. Permit condition 18. on ATC permit N-2107-13-1 and permit condition 16. on current PTO N-2107-13-2 appears as condition 14. on proposed PTO N-2107-13-3.
17. Permit condition 19. on ATC permit N-2107-13-1 and permit condition 11. on current PTO N-2107-13-2 appears as condition 15. on proposed PTO N-2107-13-3.
18. Permit condition 20. on ATC permit N-2107-13-1 and permit condition 12. on current PTO N-2107-13-2 appears as condition 16. on proposed PTO N-2107-13-3.
19. Permit condition 21. on ATC permit N-2107-13-1 and permit condition 17. on current PTO N-2107-13-2 appears as condition 17. on proposed PTO N-2107-13-3.
20. Permit condition 22. on ATC permit N-2107-13-1 and permit condition 18. on current PTO N-2107-13-2 appears as condition 18. on proposed PTO N-2107-13-3.
21. Permit condition 23. on ATC permit N-2107-13-1 and permit condition 19. on current PTO N-2107-13-2 appears as condition 19. on proposed PTO N-2107-13-3.
22. Permit condition 24. on ATC permit N-2107-13-1 and permit condition 14. on current PTO N-2107-13-2 appears as condition 20. on proposed PTO N-2107-13-3.
23. Permit conditions 25. and 26. on ATC permit N-2107-13-1 and permit condition 20. and 21. on current PTO N-2107-13-2 appears as condition 21. and 22. on proposed PTO N-2107-13-3.

A copy of the proposed PTO N-2107-13-3 is included in Appendix A.

## **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.

Compliance is expected with this rule.

## VIII. APPENDICES

- Appendix A:** Proposed Modified Title V Operating Permit N-2107-13-3
- Appendix B:** Current Draft Title V Operating Permit N-2107-13-2
- Appendix C:** Authority to Construct Permits N-2107-13-0 and N-2107-13-1
- Appendix D:** Emissions Increases
- Appendix E:** Permit Application

# **APPENDIX A**

Proposed Modified Title V Operating Permit  
N-2107-13-3

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2107-13-3

EXPIRATION DATE: 08/31/2009

## EQUIPMENT DESCRIPTION:

76.93 MMBTU/HR NEBRASKA MODEL NS-E-57 NATURAL GAS-FIRED BOILER EQUIPPED WITH A FLUE GAS RECIRCULATION (FGR) SYSTEM AND AMMONIA SELECTIVE CATALYTIC REDUCTION (SCR).

## PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201 & 4320] Federally Enforceable Through Title V Permit
4. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 7 ppmvd NOX @ 3% O2 or 0.008 lb-NOX/MMBtu, 0.00285 lb-SOX/MMBtu, 0.0076 lb-PM10/MMBtu, 100 ppmvd CO @ 3% O2 or 0.073 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
5. The ammonia emission rate shall not exceed 5 ppmvd @ 3% O2 over a 15 minute averaging period. [District Rule 4102]
6. The permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit
7. 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 4405, 4306, and 4320] Federally Enforceable Through Title V Permit
8. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
9. 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
10. 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, 4306, and 4320] Federally Enforceable Through Title V Permit
11. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320] 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. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
13. Source testing to measure NO<sub>x</sub>, CO, and NH<sub>3</sub> emissions from this unit while fired on natural gas 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, 4306, and 4320] Federally Enforceable Through Title V Permit
14. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
15. 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 44305, 4306, and 4320] Federally Enforceable Through Title V Permit
16. 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
17. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> at least once during each month in which source testing is not performed. NO<sub>x</sub>, CO and O<sub>2</sub> monitoring shall be conducted utilizing a portable analyzer that meets District specifications or District-approved monitoring equipment. NH<sub>3</sub> monitoring shall be conducted utilizing Draeger 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 5 days of restarting the unit unless it has been performed within the last month. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
18. If the NO<sub>x</sub>, CO or NH<sub>3</sub> concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continues to show emission limit violations after 1 hour of operation following 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 that is subject to enforcement action has occurred. 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, 4306, and 4320] Federally Enforceable Through Title V Permit
19. All NO<sub>x</sub>, CO, O<sub>2</sub> and ammonia emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO<sub>x</sub>, CO and O<sub>2</sub> analyzer as well as the NH<sub>3</sub> emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer 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 readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
20. Ammonia emission readings shall be conducted at the time the NO<sub>x</sub>, CO and O<sub>2</sub> readings are taken. The readings shall be converted to ppmvd @ 3% O<sub>2</sub>. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
21. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent by volume and the measured NO<sub>x</sub>, CO and NH<sub>3</sub> concentrations corrected to 3% O<sub>2</sub>, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH<sub>3</sub> emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

22. 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, 4306, and 4320] Federally Enforceable Through Title V Permit

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

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## **APPENDIX B**

Current Draft Title V Operating Permit  
N-2107-13-2

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2107-13-2

EXPIRATION DATE: 08/31/2009

## EQUIPMENT DESCRIPTION:

76.93 MMBTU/HR NEBRASKA MODEL NS-E-57 NATURAL GAS-FIRED BOILER EQUIPPED WITH A FLUE GAS RECIRCULATION (FGR) SYSTEM AND AMMONIA SELECTIVE CATALYTIC REDUCTION (SCR).

## PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 9 ppmvd NOX @ 3% O2 or 0.011 lb-NOX/MMBtu, 0.00285 lb-SOX/MMBtu, 0.0076 lb-PM10/MMBtu, 100 ppmvd CO @ 3% O2 or 0.073 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
5. 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 and 4306] Federally Enforceable Through Title V Permit
6. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
7. 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
8. 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 and 4306] Federally Enforceable Through Title V Permit
9. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
10. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
11. 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 and 4306] Federally Enforceable Through Title V Permit
12. 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. The ammonia emission rate shall not exceed 5 ppmvd @ 3% O<sub>2</sub> over a 15 minute averaging period. [District Rule 4102]
14. Ammonia emission readings shall be conducted at the time the NO<sub>x</sub>, CO and O<sub>2</sub> readings are taken. The readings shall be converted to ppmvd @ 3% O<sub>2</sub>. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
15. Source testing to measure NO<sub>x</sub>, CO, and NH<sub>3</sub> emissions from this unit while fired on natural gas 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, and 4306] Federally Enforceable Through Title V Permit
16. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
17. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> at least once during each month in which source testing is not performed. NO<sub>x</sub>, CO and O<sub>2</sub> monitoring shall be conducted utilizing a portable analyzer that meets District specifications. NH<sub>3</sub> monitoring shall be conducted utilizing Draeger 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 5 days of restarting the unit unless it has been performed within the last month. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
18. If the NO<sub>x</sub>, CO or NH<sub>3</sub> concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after 1 hour of operation following 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 that is subject to enforcement action has occurred. 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 and 4306] Federally Enforceable Through Title V Permit
19. All NO<sub>x</sub>, CO, O<sub>2</sub> and ammonia emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO<sub>x</sub>, CO and O<sub>2</sub> analyzer as well as the NH<sub>3</sub> emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer 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 readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
20. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent by volume and the measured NO<sub>x</sub>, CO and NH<sub>3</sub> concentrations corrected to 3% O<sub>2</sub>, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH<sub>3</sub> emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
21. 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, and 4306] Federally Enforceable Through Title V Permit

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

DRAFT

# **APPENDIX C**

Authority to Construct Permits  
N-2107-13-0 and N-2107-13-1



## AUTHORITY TO CONSTRUCT

PERMIT NO: N-2107-13-0

ISSUANCE DATE: 11/30/2007

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:**

76.93 MMBTU/HR NEBRASKA MODEL NS-E-57 NATURAL GAS-FIRED BOILER EQUIPPED WITH A FLUE GAS RECIRCULATION (FGR) SYSTEM AND AMMONIA SELECTIVE CATALYTIC REDUCTION (SCR)

### CONDITIONS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
6. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 9 ppmvd NOX @ 3% O2 or 0.011 lb-NOX/MMBtu, 0.00285 lb-SOX/MMBtu, 0.0076 lb-PM10/MMBtu, 100 ppmvd CO @ 3% O2 or 0.073 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306]
7. 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 and 4306]
8. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306]

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

**COPY**

DAVID WARNER, Director of Permit Services  
N-2107-13-0 Mod 1 2010 11-30AM - HARRISR Joint Inspection / IOT Required

9. 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]
10. NO<sub>x</sub> 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 and 4306]
11. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306]
12. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306]
13. 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 and 4306]
14. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
15. 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, and 4306]
16. The ammonia emission rate shall not exceed 5 ppmvd @ 3% O<sub>2</sub> over a 15 minute averaging period. [District Rule 4102]
17. Ammonia emission readings shall be conducted at the time the NO<sub>x</sub>, CO and O<sub>2</sub> readings are taken. The readings shall be converted to ppmvd @ 3% O<sub>2</sub>. [District Rules 4305 and 4306]
18. The permittee shall monitor and record the stack concentration of ammonia (NH<sub>3</sub>) at least once during each month in which a source test is not performed. NH<sub>3</sub> monitoring shall be conducted utilizing Draeger 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]
19. Source testing to measure NO<sub>x</sub>, CO, and NH<sub>3</sub> emissions from this unit while fired on natural gas shall be conducted within 60 days of initial start-up. [District Rules 2201, 4305, and 4306]
20. Source testing to measure NO<sub>x</sub>, CO, and NH<sub>3</sub> emissions from this unit while fired on natural gas 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, and 4306]
21. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 1081]
22. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> at least once during each month in which source testing is not performed. NO<sub>x</sub>, CO and O<sub>2</sub> monitoring shall be conducted utilizing a portable analyzer that meets District specifications. NH<sub>3</sub> monitoring shall be conducted utilizing Draeger 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 5 days of restarting the unit unless it has been performed within the last month. [District Rules 4305 and 4306]
23. If the NO<sub>x</sub>, CO or NH<sub>3</sub> concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after 1 hour of operation following 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 that is subject to enforcement action has occurred. 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 and 4306]

CONDITIONS CONTINUE ON NEXT PAGE

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24. All NO<sub>x</sub>, CO, O<sub>2</sub> and ammonia emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO<sub>x</sub>, CO and O<sub>2</sub> analyzer as well as the NH<sub>3</sub> emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer 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 readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306]
25. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent by volume and the measured NO<sub>x</sub>, CO and NH<sub>3</sub> concentrations corrected to 3% O<sub>2</sub>, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH<sub>3</sub> emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4305 and 4306]

**COPY**



## AUTHORITY TO CONSTRUCT

PERMIT NO: N-2107-13-1

ISSUANCE DATE: 03/05/2010

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 THE 76.93 MMBTU/HR NEBRASKA MODEL NS-E-57 NATURAL GAS-FIRED BOILER EQUIPPED WITH A FLUE GAS RECIRCULATION (FGR) SYSTEM AND AMMONIA SELECTIVE CATALYTIC REDUCTION (SCR); REDUCE THE NOX EMISSION LIMIT FROM 9 PPMVD @ 3% O2 TO 7 PPMVD @ 3% O2 FOR RULE 4320 COMPLIANCE

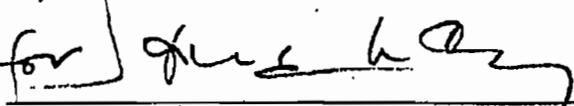
## CONDITIONS

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-2107-13-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201]
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
7. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
8. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 7 ppmvd NOX @ 3% O2 or 0.008 lb-NOX/MMBtu, 0.00285 lb-SOX/MMBtu, 0.0076 lb-PM10/MMBtu, 100 ppmvd CO @ 3% O2 or 0.073 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320]

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-2107-13-1 - Mar 9 2010 11:10AM - HARRIS - Joint Inspection NOT Required

9. The ammonia emission rate shall not exceed 5 ppmvd @ 3% O<sub>2</sub> over a 15 minute averaging period. [District Rule 4102]
10. The permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320].
11. 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 44305, 4306, and 4320]
12. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320]
13. 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]
14. NO<sub>x</sub> 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, 4306, and 4320]
15. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
16. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
17. Source testing to measure NO<sub>x</sub>, CO, and NH<sub>3</sub> emissions from this unit while fired on natural gas 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, 4306, and 4320]
18. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 1081]
19. 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 44305, 4306, and 4320]
20. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
21. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> at least once during each month in which source testing is not performed. NO<sub>x</sub>, CO and O<sub>2</sub> monitoring shall be conducted utilizing a portable analyzer that meets District specifications or District-approved monitoring equipment. NH<sub>3</sub> monitoring shall be conducted utilizing Draeger 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 5 days of restarting the unit unless it has been performed within the last month. [District Rules 4305, 4306, and 4320]
22. If the NO<sub>x</sub>, CO or NH<sub>3</sub> concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continues to show emission limit violations after 1 hour of operation following 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 that is subject to enforcement action has occurred. 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, 4306, and 4320]

CONDITIONS CONTINUE ON NEXT PAGE

23. All NO<sub>x</sub>, CO, O<sub>2</sub> and ammonia emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO<sub>x</sub>, CO and O<sub>2</sub> analyzer as well as the NH<sub>3</sub> emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer 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 readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306, and 4320]
24. Ammonia emission readings shall be conducted at the time the NO<sub>x</sub>, CO and O<sub>2</sub> readings are taken. The readings shall be converted to ppmvd @ 3% O<sub>2</sub>. [District Rules 4305, 4306, and 4320]
25. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent by volume and the measured NO<sub>x</sub>, CO and NH<sub>3</sub> concentrations corrected to 3% O<sub>2</sub>, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH<sub>3</sub> emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4305, 4306, and 4320]
26. 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, 4306, and 4320]

# **APPENDIX D**

## **Emissions Increases**

Permit Number	SSIPE (lb/yr)				
	NOx	VOC	CO	SOx	PM10
N-2107-13-2	7,413	3,706	49,195	1,921	5,122
N-2107-13-3	-2,022	0	0	0	0
<b>TOTAL</b>	<b>5,391</b>	<b>3,706</b>	<b>49,195</b>	<b>1,921</b>	<b>5,122</b>

# **APPENDIX E**

## Permit Application

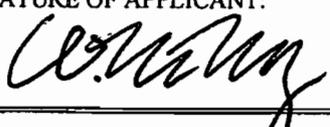
# San Joaquin Valley Air Pollution Control District

www.valleyair.org

# COPY

## Permit Application For:

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

1. PERMIT TO BE ISSUED TO: <b>Darling International Inc.</b>	
2. MAILING ADDRESS: <b>PO Box 1608</b>	
STREET/P.O. BOX: _____	
CITY: <b>Turlock</b>	STATE: <b>CA</b> 9-DIGIT ZIP CODE: <b>95381</b>
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:	INSTALLATION DATE:
STREET: <b>11946 Carpenter Road</b> CITY: <b>Crows Landing</b>	<b>ASAP</b>
_____% SECTION      _____ TOWNSHIP      _____ RANGE	
4. GENERAL NATURE OF BUSINESS: <b>Food Processing Byproduct Recycling</b>	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary)	
<b>Change NOx emission limit of 9 ppm to 7 ppm for Unit N-2107-13-0 to comply with District Rule 4320.</b>	
6. TYPE OR PRINT NAME OF APPLICANT: <b>William R. McMurtry</b>	TITLE OF APPLICANT: <b>VP of Environmental Affairs</b>
7. SIGNATURE OF APPLICANT: 	DATE: <b>1/21/10</b>
	PHONE: (972) 281-4409 FAX: (972) 717-0763 EMAIL: <a href="mailto:bmcmurtry@darlingii.com">bmcmurtry@darlingii.com</a>

**For APCD Use Only:**

<p>DATE STAMP: <b>RECEIVED</b></p> <p style="text-align: center; font-size: 1.2em;"><b>JAN 22 2010</b></p> <p style="text-align: center;">SJVAPCD NORTHERN REGION</p>	<p>FILING FEE RECEIVED: \$ <u>0</u>      CHECK#: <u>NA</u></p> <p>DATE PAID: <u>N/A</u>      PM: <u>1/21/10</u></p> <p>PROJECT NO: <u>N11002164</u>      FACILITY ID: <u>N2107</u></p>
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San Joaquin Valley  
Unified Air Pollution Control District

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

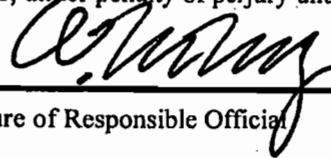
- SIGNIFICANT PERMIT MODIFICATION
- MINOR PERMIT MODIFICATION
- ADMINISTRATIVE AMENDMENT

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 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 forgoing is correct and true:

  
 \_\_\_\_\_  
 Signature of Responsible Official

1/21/10  
 \_\_\_\_\_  
 Date

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

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