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DEPT. OF WATER, ENERGY, AND ENVIRONMENT

Jim Pillen, Governor

AIR QUALITY CLASS II OPERATING PERMIT

PERMIT NUMBER: OP26R2-024

DWEE ID: 41253
Program ID: AIR 153-00008

Permit Issued To: Darling Ingredients Inc.
Name of Source in Application: Darling Ingredients Inc.

Mailing Address: 14401 South 5th Street, Bellevue, Nebraska 68005-0668
Source Location: 14401 South 5th Street, Bellevue, Sarpy County, Nebraska

Project Description: This Operating Permit approves the operation of a food by-product recycling facility.

Standard Industrial Classification (SIC) Code(s): 2077, Animal and Marine Fats and Oil
North American Industry Classification System (NAICS) Code: 311613, Rendering and Meat Byproduct Processing

Superseded Operating Permits: Operating Permit OP21R2-012 issued December 21, 2021.

Pursuant to Title 129, Chapter 10, of the Nebraska Air Quality Regulations amended September 28, 2022, the public has been notified by prominent advertisement of the proposed operation of an air contaminant source and the thirty (30) day period allowed for comments has elapsed. This Operating Permit approves the operation of a food by-product recycling facility. This Operating Permit approves the operation of this source as identified in the Air Quality Operating Permit Application OP26R2-024 received May 28, 2026, including any supporting information received prior to issuance of this permit. Additional details on the source, including estimated pollutant emissions, can be found in the accompanying Fact Sheet.

Compliance with this permit shall not be a defense to any enforcement action for violation of an ambient air quality standard. Unless otherwise noted, the conditions of this permit are enforceable by the United States Environmental Protection Agency (USEPA) and the Nebraska Department of Water, Energy, and Environment (DWEE). The permit holder, owner, and operator of the source shall assure compliance with all of the terms and conditions in this permit and the Attachments.

The undersigned issues this document on behalf of the Director in accordance with Title 129 – Nebraska Air Quality Regulations.

D R A F T

_____
Date

_____
Reuel S. Anderson, Administrator
Permitting & Engineering Division

Filename: op041253p05
Total Pages: 36

TABLE OF CONTENTS

Permit Signature Page i

Table of Contents ii

Abbreviations, Symbols, and Units of Measure iii

Permit Conditions:

I. Standard Conditions ..... Page 1

II. General Conditions ..... Page 6

III. Specific Conditions for Affected Emission Points

(A) Boilers ..... Page 11
(EP-1, EP-2, and EP-3)

(B) Rendering Process ..... Page 17
(EP-4 and EP-5)

(C) Wastewater Treatment Operations ..... Page 22
(EP-6)

(D) Emergency Equipment ..... Page 25
(EP-9)

(E) Product Storage, Hammermilling, and Loading ..... Page 29
(EP-GRIND, EP-SILO1-EP-SILO3, and EP-LOADFUG)

(F) Haul Roads ..... Page 31
(EP-MOBILE)

ABBREVIATIONS, SYMBOLS, and UNITS OF MEASURE

AP-42	Compilation of Air Pollutant Emission Factors, Volume I, Stationary Point and Area Sources
BACT	Best Available Control Technology
Btu	British Thermal Unit
bu	Bushel
CAA	Clean Air Act
CE	Control Equipment
cf	Cubic feet
CEMS	Continuous Emissions Monitoring System
CFC	Chlorofluorocarbons
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CO_2e	Carbon Dioxide Equivalent
COMS	Continuous Opacity Monitoring System
CP	Construction Permit
Director	Director of the DWEE
dscf	Dry Standard Cubic Feet
dscfm	Dry Standard Cubic Feet per Minute
DWEE	Nebraska Department of Water, Energy, and Environment
EMIS	Emergency Management Information System
EQC	Environmental Quality Council
EP	Emission Point
EU	Emission Unit
FIP	Federal Implementation Plan
FR	Federal Register
ft	Feet
FTIR	Fourier Transform Infrared
GHGs	Greenhouse Gases
HAP	Hazardous Air Pollutant(s)
hp	Horsepower
hr	Hour
lb	Pound
LDAR	Leak Detection and Repair
LNB	Low NO_x Burner
MACT	Maximum Achievable Control Technology
Mgal	One Thousand Gallons
MMBtu	One Million British Thermal Units
MMgal	One Million Gallons
MMscf	One Million Standard Cubic Feet
MSDS	Material Safety Data Sheet
n/a	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO_2	Nitrogen Dioxide
NO_x	Nitrogen Oxides
N_2O	Nitrous Oxides
NSPS	New Source Performance Standard
NSR	New Source Review
OP	Operating Permit
PAL	Plant-wide Applicability Limit
PEMS	Predictive Emissions Monitoring System
Pb	Lead (chemical abbreviation)
PM	Particulate Matter
$PM_{2.5}$	Particulate Matter with an aerodynamic diameter equal to or less than 2.5 microns
PM_{10}	Particulate Matter with an aerodynamic diameter equal to or less than 10 microns
PM_{10} (total)	Filterable and condensable particulate matter
ppb	Parts per Billion
ppm	Parts per Million
ppmv	Parts per Million by Volume
ppmvd	Parts per Million by Volume,Dry Basis
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
scf	Standard Cubic Feet
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO_2	Sulfur Dioxide
SO_x	Sulfur Oxides
TDS	Total Dissolved Solids
Title 129	Title 129, Nebraska Air Quality Regulations
tpy	Tons per year
TRS	Total Reduced Sulfur
TSP	Total Suspended Particulate Matter
USEPA	United States Environmental Protection Agency
UTM	Universal Transverse Mercator
VHAP	Volatile Hazardous Air Pollutant
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compound
yr	Year

I. STANDARD CONDITIONS

(A) Regulatory authority:

(1) Title 40 Protection of Environment, Code of Federal Regulations that apply to the source including those found at 40 CFR Part 52, Subpart CC or 40 CFR Part 70, Appendix A (federally enforceable requirements); and

(a) The State Implementation Plan (SIP) approved Title 129 as amended September 28, 2022, cited in this permit and denoted by an asterisk (*) are federally enforceable. When Title 129 as amended June 28, 2026, cited in this permit becomes SIP approved and federally enforceable it will supersede Title 129 as amended September 28, 2022.

(2) The Environmental Protection Act, Neb. Rev. Stat. §§ 81-1501 to 81-1532, and Nebraska Administrative Code Title 129 as amended June 28, 2026 (Title 129).

(B) The source shall allow the DWEE, USEPA or an authorized representative, upon presentation of credentials (Neb. Rev. Statute §81-1504; ((Title 129, Chapter 6, Section 003.11)*; Title 129, Chapter 6, Section 003.11) to:

(1) Enter upon the source's premises during reasonable hours where a source subject to this permit is located, emissions-related activity is conducted, or where records must be kept under the conditions of this permit, for the purpose of ensuring compliance with this permit or applicable requirements;

(2) Have access to and copy, during reasonable hours, any records that must be kept under the conditions of this permit, for the purpose of ensuring compliance with this permit or applicable requirements;

(3) Inspect during reasonable hours any facilities, pollution control equipment, including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit, for the purpose of ensuring compliance with this permit or applicable requirements;

(4) Sample or monitor, during reasonable hours, substances or parameters for the purpose of ensuring compliance with the permit or applicable requirements.

(C) All requested permit amendments and revisions must adhere to the requirements of Title 129, Chapter 9*; Title 129, Chapter 9.

(D) The following methods may be used to determine compliance with the terms and conditions in this permit ((Title 129, Chapter 15, Section 005.08)*; Title 129, Chapter 15, Section 005.08):

(1) Any compliance test method specified in the State Implementation Plan;

(2) Any test or monitoring method approved for the source in a permit issued pursuant to Title 129, Chapters 3*, 4*, or Chapter 13*, Section 004*; Title 129, Chapters 3, 4, or Chapter 13, Section 004;

(3) Any test or monitoring method provided for in Title 129; or

(4) Any other test, monitoring, or information-gathering method that produces information comparable to that produced by any method described in Condition I.(D)(1) through (3).

(E) Application for review of plans or advice furnished by the Director will not relieve the source of legal compliance with any provision of these regulations or prevent the Director from enforcing or implementing any provision of these regulations ((Title 129, Chapter 1, Section 001.06)*; Title 129, Chapter 1, Section 001.06).

(F) If and when the Director declares an air pollution episode as defined in Title 129, Chapter 2, Section 006.01*; Title 129, Chapter 2, Section 006.01, the source shall immediately take all required actions listed in Title 129, Appendix II, Paragraph 1.1*, 1.2*, and 1.3*; Title 129, Appendix II, Paragraph 1.1, 1.2, and 1.3, respectively, until the Director declares the air pollution episode terminated ((Title 129, Chapter 2, Section 006.03)*; Title 129, Chapter 2, Section 006.03).

(G) Recordkeeping: To ensure compliance with this permit, records shall be maintained as outlined below. Records include: electronic and/or paper copies of all application materials, notifications, reports, test protocols, test results, and plans; and, electronic and/or original paper copies of all required monitoring results, measurements, inspections, and observations (Title 129, Chapter 15, Section 005.06*; Title 129, Chapter 15, Section 005.06; Neb. Rev. Stat. §81-1504):

(1) All records required by this permit shall be kept for a minimum of five (5) years and shall be clear and readily accessible to DWEE representatives during an inspection, unless otherwise specified in this permit.

(2) Monthly calculations and records required throughout this permit shall be compiled no later than the fifteenth (15th) day of each calendar month and shall include all records and calculations generated through the previous calendar month, unless otherwise specified in this permit. ((Title 129, Chapter 6, Section 003.03)*; Title 129, Chapter 6, Section 003.03).

(3) The source shall keep the following records for each malfunction, start-up and shutdown where emissions were, or may have been, in excess of an emission limitation or standard ((Title 129, Chapter 11, Sections 002* and 005*; Chapter 15, Sections 006.02*, 006.04*, and 006.05)*; Title 129, Chapter 11, Sections 002 and 005; Chapter 15, Sections 006.02, 006.04, and 006.05):

(a) The identity of the equipment.

(b) Reason for, or cause of, the malfunction, shutdown, or start-up.

(c) Duration of period of excess emissions.

(d) Date and time of the malfunction, shutdown, or start-up.

(e) Physical and chemical composition of pollutants whose emissions are affected by the action.

(f) Methods, operating data, and/or calculations used to determine these emissions.

(g) Quantification of emissions in the units of the applicable emission control regulation.

(h) All measures utilized to minimize the extent and duration of excess emissions during the malfunction, shutdown, and start-up.

(4) The source shall keep records of maintenance performed on components of permitted emission units that would affect or potentially affect the emission rate of that unit and on control and monitoring equipment associated with the permitted emission unit ((Title 129, Chapter 15, Sections 005.06*, 006.06B* and 006.06E)*; Title 129, Chapter 15, Sections 005.06, 006.06B and 006.06E).

(5) All records of opacity readings, instrument readings, visual equipment inspections, logbook/sheet entries, and any other record of equipment performance shall identify the individual who entered the record, except for continuously generated electronic records.

(6) Operation and maintenance manuals, or equivalent documentation, detailing proper operation and maintenance of all permitted emission units, required control equipment and required monitoring equipment shall be kept for the life of the equipment.

(H) All permitted emission units, associated emissions conveyances, required control equipment, and required monitoring equipment shall be properly installed, operated, and maintained (Title 129 Chapter 6, Sections 003.01* and 003.13*; Chapter 15, Section 005.06*; Title 129 Chapter 6, Sections 003.01 and 003.13; Chapter 15, Section 005.06; Neb. Rev. Stat. §81-1504 and §81-1506).

(1) All emissions from emission units using required controls shall be captured and routed through associated emission conveyances to the required control equipment, except for uncaptured emissions described in the permit application and any additional information submitted prior to permit issuance.

(2) All equipment must be maintained to minimize the amount of uncontrolled pollutants that are released into the atmosphere. Proper equipment maintenance activities may include repair or replacement, and include, but are not limited to activities in response to the following:

(a) cracks, holes or gaps,

(b) broken, cracked, or otherwise damaged seals or gaskets, and

(c) broken, missing or open hatches, access covers, caps, or other closure devices.

(I) When the source makes physical or operational changes to an emissions unit or associated control equipment that may cause an increase in emissions that makes the original testing not representative of current operating conditions or emissions, the source shall submit a notification of the change. Such notification shall be received by DWEE within fifteen (15) days after such change. The DWEE may require performance testing based on review of the specific changes identified in the notification and the resulting potential impact on emissions from the unit(s) and/or performance of the control equipment ((Title 129, Chapter 15, Section 005.01)*; Title 129, Chapter 15, Section 005.01).

(1) This notification requirement applies to emissions units and/or control equipment that meet the following requirements, except as provided in Condition I.(I)(5):

(a) Emissions from the emissions unit and/or control equipment is subject to an emissions limit;

(b) A valid performance test has been conducted for the pollutant to which the emissions limit applies;

(c) Changes that may cause emissions to increase or invalidate prior testing include, but are not limited to, increasing the capacity of an emissions unit, changing the operational parameters of any control equipment outside of the range allowed for under this permit that makes the control equipment less efficient, changing the type of scrubber packing, or increasing the inlet pollutant loading of any control equipment.

(2) For emission units that have had a performance test conducted after January 1, 2012, the source shall make a one-time notification to the DWEE within fifteen (15) days of when there is a 10% increase in daily production/throughput rate, over the tested rate recorded during the most recent valid performance test unless otherwise specified in this permit. If there are subsequent 10% increases over the rate most recently notified to the DWEE, the source shall make a one-time notification to the DWEE of each such subsequent increase. This will not apply to emissions that already have emission rates that are normalized to production and/or throughput rates.

(3) The notification shall include the date of the changes, a description of the changes made, and an evaluation of the expected impact on emissions from the emissions units and/or control equipment.

(4) The following definitions apply for purposes of Condition I.(I)(2) above:

(a) "rate" shall mean the production or throughput of an emissions unit in the same units of production or throughput as the "tested rate" as defined below; and,

(b) "tested rate" shall mean the production or throughput rate of an emissions unit as recorded in the most recent valid performance test and reported to the DWEE in the source's written copy of the test results, or test report, documenting the maximum capacity of the unit(s). The tested rate shall be extrapolated to daily. Examples include, but are not limited to, tons per hour to tons per day or gallons per hour to gallons per day.

(5) The above notification requirements do not apply when compliance with the emission limitation is demonstrated through the use of a CEMS, PEMS or COMS.

(J) No person shall cause or allow emissions, from any source, which are of an opacity equal to or greater than twenty percent (20%), as evaluated by an EPA approved method, or recorded by a continuous opacity monitoring system operated and maintained pursuant to 40 CFR Part 60 Appendix B except as provided for in Title 129, Chapter 15, Sections 001.05* or 001.06*; Title 129, Chapter 15, Sections 001.05 or 001.06 ((Title 129, Chapter 15, Section 001.04)*; Title 129, Chapter 15, Section 001.04).

(K) Open fires are prohibited except as allowed by Title 129, Chapter 15, Section 002*; Title 129, Chapter 15, Section 002.

(L) Particulate Matter – General Requirements ((Title 129, Chapter 15, Section 003)*; Title 129, Chapter 15, Section 003):

(1) The source shall not cause or permit the handling, transporting or storage of any material in a manner which allows particulate matter to become airborne in such quantities and concentrations that it remains visible in the ambient air beyond the property line.

(2) The source shall not cause or permit the construction, use, repair or demolition of a building, its appurtenances, a road, a driveway, or an open area without applying all reasonable measures to prevent particulate matter from becoming airborne and remaining visible beyond the property line. Such measures include, but are not limited to, paving or frequent cleaning of roads, driveways and parking lots; application of dust-free surfaces; application of water; and planting and maintenance of vegetative ground cover.

(M) Testing:

(1) Performance testing if required by this permit or required by the DWEE shall be completed as follows:

(a) The source shall provide the DWEE with a written notice at least thirty (30) days prior to testing to afford the DWEE an opportunity to have an observer present. The DWEE may, in writing, approve a notice of less than 30 days. If the testing is pursuant to an underlying requirement contained in a federal rule, the notice provisions of the underlying requirement apply ((Title 129, Chapter 15, Section 005.03)*; Title 129, Chapter 15, Section 005.03).

(b) The notification required by Condition I.(M)(1)(a) shall include the following ((Title 129, Chapter 15, Section 005.03)*; Title 129, Chapter 15, Section 005.03):

(i) Facility Name, Address and FID number.

(ii) Company Name, Address and Contact Person's name.

(iii) Test schedule including date and estimated start time of testing.

(iv) List all applicable regulatory requirements that testing is being conducted for (permit condition, MACT, NSPS, etc.).

(v) Types of pollutants to be sampled including applicable emission limits and demonstration requirements.

(vi) Test methods and documentation of any proposed variations from the specified procedures and reason for variance.

(c) Testing shall be conducted according to the methodologies found in Title 129, Chapter 15, Section 005.02*; Title 129, Chapter 15, Section 005.02, or other DWEE approved methodologies ((Title 129, Chapter 15, Section 005.02)*; Title 129, Chapter 15, Section 005.02).

(d) Performance tests shall be performed under those representative (normal) conditions that: represent the range of combined process and control measure conditions under which the facility expects to operate (regardless of the frequency of the conditions); and are likely to most challenge the emissions control measures of the facility with regard to meeting the applicable emission standards, but without creating an unsafe condition. (Title 129, Chapter 15, Section 005)*; (Title 129, Chapter 15, Section 005).

(e) Performance tests shall be conducted for a minimum of three (3) one-hour runs unless another run-time is specified by the applicable Subpart or as deemed appropriate by the DWEE.

(f) The source shall monitor and record the operating parameters for process and control equipment during the performance testing required in the permit.

(g) A certified written copy of the test results, signed by the person conducting the test, shall be provided to the DWEE within sixty (60) days of completion of the test, unless a different time period is specified in the underlying requirements of an applicable federal rule, and will, at a minimum, contain the following items ((Title 129, Chapter 15, Section 005.02G)*; Title 129, Chapter 15, Section 005.02G):

(i) A description of:

1. The operating parameters for the emissions unit during testing. Examples include, but are not limited to, production rates, process throughputs, firing rates of combustion equipment, or fuel usage; and,

2. The operating parameters for the control equipment during testing. Examples include, but are not limited to, baghouse fan speeds, scrubber liquid flow rates, or pressure drop across the control device.

(ii) Copies of all data sheets from the test run(s).

(iii) A description and explanation of any erroneous data or unusual circumstance(s) and the cause for such situation.

(iv) A final conclusion section describing the outcome of the testing.

II. GENERAL OPERATING PERMIT CONDITIONS

The following General Conditions apply to this permit unless otherwise provided for in the Specific Conditions of this permit. Terms and conditions of this permit are in accordance with the requirements of Title 129, Chapter 6*; Title 129, Chapter 6.

(A) Submittals/Reporting:

All submittals, including reports, required by Condition II.(A) and Condition I.(M)(1)(g) shall contain a certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and the belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete ((Title 129, Chapter 1, Section 002.89*; Chapter 6, Sections 002.06*, 003.11* and 003.13)*; Title 129, Chapter 1, Section 002.92; Chapter 6, Sections 002.06, 003.11 and 003.13).

The source shall submit reports to the DWEE as follows:

(1) The source shall submit a report of applicable monitoring and all instances of deviations from permit requirements every twelve (12) calendar months to the DWEE. The report shall be submitted by March 31 of the following year ((Title 129, Chapter 6, Sections 003.03B* and 003.13)*; Title 129, Chapter 6, Sections 003.03B and 003.13).

(2) The source shall report all deviations from permit requirements, including those attributable to start-ups, shutdowns or malfunctions, the probable cause of such deviations, and any corrective actions or preventive measures taken. All reports of deviations must be submitted within the time frame as per Conditions II.(A)(2)(a), (b), and (c) below ((Title 129, Chapter 6, Sections 003.03B*, 003.03B4*, and 003.13*; Chapter 15, Sections 006.04* and 006.05)*; Title 129, Chapter 6, Sections 003.03B, 003.03B4, and 003.13; Chapter 15, Sections 006.04 and 006.05).

(a) Any deviation resulting from emergency or upset conditions shall be reported within two (2) working days of the date on which the source first becomes aware of the deviation. The initial report may be submitted without a certification by the responsible official, as required by Condition II.(A) above, if an appropriate certification is provided within ten (10) days thereafter, together with the information required under Condition II.(A)(3) and any corrected or supplemental information required concerning the deviation.

(b) Any deviation that poses an imminent and substantial danger to public health, safety, or the environment shall be reported as soon as is practicable. The report may be submitted initially without a certification by a responsible official in accordance with Condition II.(A) above, if an appropriate certification is provided within ten (10) days thereafter, together with any corrected or supplemental information required concerning the deviation.

(c) All other deviations shall be reported as per Condition II.(A)(1).

(3) The source shall submit completed emission inventories electronically utilizing SLEIS for the preceding calendar year to the DWEE by March 31 of each year ((Title 129, Chapter 11)*; Title 129, Chapter 11).

(4) Certification of compliance with the terms and conditions of this permit, including emission limitations, standards, or work practices, for the preceding calendar year, shall be submitted to the DWEE by March 31 of each year. The report shall be certified by a responsible official in accordance with Condition II.(A) and shall include the following

((Title 129, Chapter 6, Sections 003.11* and 003.13C)*; Title 129, Chapter 6, Sections 003.11 and 003.13C).

(a) The identification of each term or condition of the permit that is the basis of the certification;

(b) The compliance status;

(c) A determination of whether compliance was continuous or intermittent; and

(d) The methods used for determining the compliance status of the source, currently and over the reporting period.

(5) Any emissions due to malfunctions, unplanned shutdowns, and ensuing start-ups that are, or may be in excess of applicable emission limitations shall be reported to the DWEE in accordance with Condition II.(A)(2)(a).

(B) This permit is issued for a fixed term of ten (10) years. A timely renewal application is one that is submitted to the DWEE a minimum of six (6) months and a maximum of eighteen (18) months before permit expiration. Provided a timely and complete renewal application has been submitted, the conditions of this permit shall continue until the effective date of a new permit. ((Title 129, Chapter 6, Sections 002.01C* and 003.02)*; Title 129, Chapter 6, Sections 002.01C and 003.02).

(C) The source shall comply with all conditions of this permit. Any permit noncompliance shall constitute a violation of the Nebraska Environmental Protection Act and/or the Federal Clean Air Act, and is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application ((Title 129, Chapter 6, Sections 003.06A* and 003.13)*; Title 129, Chapter 6, Sections 003.06A and 003.13).

(D) It shall not be a defense for a source in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit ((Title 129, Chapter 6, Sections 003.06B* and 003.13)*; Title 129, Chapter 6, Sections 003.06B and 003.13).

(E) This permit may be modified; revoked, reopened, and reissued; or terminated for cause in accordance with Title 129 and Title 115, Rules of Practice and Procedure. The filing of a request by the source for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not supersede any permit condition ((Title 129, Chapter 6, Sections 003.06C* and 003.13)*; Title 129, Chapter 6, Sections 003.06C and 003.13).

(F) Conditions under which this permit will be reopened, revoked and reissued or terminated during its term for cause, include but are not limited to ((Title 129, Chapter 9, Section 006*; Chapter 6, Sections 003.09* and 003.13)*; Title 129, Chapter 9, Section 006; Chapter 6, Sections 003.09 and 003.13):

(1) Additional applicable requirements under the Nebraska Environmental Protection Act or the Federal Clean Air Act, which become applicable to this source with a remaining permit term of three (3) or more years. No such reopening will occur if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended;

(2) Additional requirements, including excess emissions requirements, that become applicable to an affected source under the acid rain program under (Title 129, Chapter 5)*; Title 129, Chapter 5).

(G)This permit does not convey any property rights of any sort, or any exclusive privilege ((Title 129, Chapter 6, Sections 003.06D* and 003.13)*; Title 129, Chapter 6, Sections 003.06D and 003.13).

(H) The source shall furnish to the DWEE, within the time specified by the DWEE, any information requested by the DWEE in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the source shall also furnish to the DWEE copies of records required to be kept in accordance with the permit or, for information claimed to be confidential, the source may furnish such records along with a claim of confidentiality pursuant to Title 115 - Rules of Practice and Procedure ((Title 129, Chapter 6, Sections 003.06E* and 003.13)*; Title 129, Chapter 6, Sections 003.06E and 003.13).

(I) The provisions of this operating permit incorporate all applicable requirements contained in all previously issued active construction permits. Although the previously issued construction permits are still active, this operating permit will be the compliance and enforcement instrument for all applicable requirements incorporated into the operating permit (Title 129, Chapter 6, Section 003.13*; Title 129, Chapter 6, Section 003.13; 40 CFR 70.2 – Applicable Requirements (2)).

(J) In the event of a challenge to any portions of this permit, the unchallenged permit requirements shall remain valid ((Title 129, Chapter 6, Section 003.05)*; Title 129, Chapter 6, Section 003.05).

(K) Changes allowed without an operating permit revision ((Title 129, Chapter 9, Section 007)*; Title 129, Chapter 9, Section 007:

(1) The source may make the changes identified in Condition II.(K)(1)(a) within a permitted facility without a permit revision if the change is not a modification under Title 129, Chapters 12*, 13, Sections 001*, 002*, 003*, and 004*; Title 129, Chapters 12, 13, Sections 001, 002, 003, and 004, the change does not require a construction permit under Chapters 3* or 4*; Chapters 3 or 4; and the change does not result in the emissions allowable under the permit (whether expressed therein as a rate of emissions or in the terms of total emissions) being exceeded ((Title 129, Chapter 9, Section 007.01)*; Title 129, Chapter 9, Section 007.01).

(a) Changes in the configuration of the facility's equipment, as defined in Section 502(b)(10) changes of the Act ((Title 129, Chapter 9, Section 007.01)*; Title 129, Chapter 9, Section 007.01). Written notification of these changes shall be sent to the DWEE as follows:

(i) Non-Emergencies ((Title 129, Chapter 9, Section 007.01)*; Title 129, Chapter 9, Section 007.01):

1. Written notification shall be received by the DWEE a minimum of seven (7) days in advance of the proposed changes;

(ii) Emergencies ((Title 129, Chapter 9, Section 007.01)*; Title 129, Chapter 9, Section 007.01):

1. Initial notification shall be made within two working days of the date on which the source first becomes aware of the need for the change;
2. A follow-up written notification shall be submitted as soon as practicable; and,
3. The notifications shall include an explanation of the nature of the emergency.

(iii) Required information ((Title 129, Chapter 9, Section 007.01)*; Title 129, Chapter 9, Section 007.01):

1. A brief description of the change within the permitted source;

2. The date on which the change will occur;

3. Any change in emissions; and,

4. Any permit term or condition that is no longer applicable as a result of the change.

(iv) A copy of the notification shall be attached to the source's copy of the operating permit ((Title 129, Chapter 6, Section 003.11)*: Title 129, Chapter 6, Section 003.11).

(2) The source may make changes that are not defined as Section 502(b)(10) changes of the Act within a permitted facility without a permit revision if the change is not a modification under Title 129, Chapters 12*, 13, Sections 001*, 002*, 003*, or 004*; Title 129, Chapters 12, 13, Sections 001, 002, 003, or 004; and the change is not a change which would require a construction permit under Title 129, Chapters 3* or 4*; Title 129, Chapters 3 or 4 ((Title 129, Chapter 9, Section 007.02)*; Title 129, Chapter 9, Section 007.02).

(a) Each such change shall meet all applicable requirements and shall not violate any existing permit term or condition ((Title 129, Chapter 9, Section 007.02)*; Title 129, Chapter 9, Section 007.02).

(b) The source shall provide contemporaneous written notice to the Director, except for changes that qualify as insignificant activities under the provisions of Title 129, Chapter 6, Section 002.05C*; Title 129, Chapter 6, Section 002.05C. Such written notice shall include ((Title 129, Chapter 9, Section 007.02)*; Title 129, Chapter 9, Section 007.02):

(i) A description of each change;

(ii) The date the change will be made;

(iii) A description of any change in emissions;

(iv) A list of the pollutants emitted; and,

(v) A list of any applicable requirements that would apply as a result of the change, including terms and conditions established in in the relevant operating permit for synthetic minor purposes.

(c) A copy of the notification in Condition II.(K)(2)(b) shall be attached to the source's copy of the operating permit.

(d) The source shall keep a record describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and emissions resulting from those changes ((Title 129, Chapter 9, Section 007.02)*; Title 129, Chapter 9, Section 007.02).

(e) Upon review of a notice submitted in accordance with Condition II.(K)(2)(b), the DWEE may require a source to apply for an operating permit if the change does not meet the requirements of Condition II.(K)(2) ((Title 129, Chapter 9, Section 007.02A)*; Title 129, Chapter 9, Section 007.02A).

(3) Testing requirements:

(a) Testing may be required if a change reported under Condition II.(K)(1) or II.(K)(2) involves an emissions unit that was previously tested ((Title 129, Chapter 6, Sections

003.03* and 003.13*; Chapter 15, Section 005)*; Title 129, Chapter 6, Sections 003.03 and 003.13; Chapter 15, Section 005).

(L) When applicable, the source shall comply with the requirements of 40 CFR Part 68, Chemical Accident Prevention Provisions, Risk Management Plan (RMP), as part of the compliance certification submitted under Condition II.(A)(4). The source shall submit a certification statement that the source is in compliance with all requirements of Part 68, including the registration and submission of the RMP (40 CFR 68.215(a); Title 129, Chapter 6, Section 003.10*; Title 129, Chapter 6, Section 003.10).

The source is subject to and will comply with all applicable requirements found in Title 40 Protection of Environment, Code of Federal Regulations that apply to the source including those found at 40 CFR Part 52, Subpart CC or 40 CFR Part 70, Appendix A (federally enforceable requirements); the State Implementation Plan (SIP) approved Title 129 as amended September 28, 2022 cited in this permit and denoted by an asterisk (*) are federally enforceable; and the Environmental Protection Act, Neb. Rev. Stat. §§ 81-1501 to 81-1532, and Nebraska Administrative Code Title 129 as amended June 28, 2026. When Title 129 as amended June 28, 2026, cited in this permit becomes SIP approved and federally enforceable it will supersede Title 129 as amended September 28, 2022.

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS

(A) Specific Conditions for Boilers

(1) Permitted Emission Points:

(a) The following table identifies emission points, emission units, permitted capacities, permitted fuel types, required control equipment the source must operate, and applicable standards at the source at the time of permit issuance, in accordance with operating permit application OP26R2-024, received May 28, 2026, and construction permit CP22-013, issued October 24, 2022, including any supporting information received prior to issuance of this permit:

Control Equipment ID# and Description	Emission Unit Description	Applicable NSPS Requirements	Applicable NESHAP Requirements
Emission Point ID#: EP-1			
Low NO_x Burners and Flue Gas Recirculation	EU-1: Victory Boiler: 61.84 MMBtu/hr. boiler, combusting Natural Gas and Fuel Oil #2, installed in 2022	40 CFR Part 60, Subpart A; Title 129, Chapter 12, Section 001.01*; Title 129, Chapter 12, Section 001.01	40 CFR Part 63, Subpart A; Title 129, Chapter 13, Section 002.01*; Title 129, Chapter 13, Section 002.01
		40 CFR Part 60, Subpart Dc; Title 129, Chapter 12, Section 001.05*; Title 129, Chapter 12, Section 001.06	40 CFR Part 63, Subpart JJJJJJ; Title 129, Chapter 13, Section 002.101*; Title 129, Chapter 13, Section 002.103
Emission Point ID#: EP-2			
Low NO_x Burners and Flue Gas Recirculation	EU-2: Johnston Boiler: 48.7 MMBtu/hr. boiler, combusting Natural Gas and Fuel Oil #2, installed in 2013	40 CFR Part 60, Subpart A; Title 129, Chapter 12, Section 001.01*; Title 129, Chapter 12, Section 001.01	40 CFR Part 63, Subpart A; Title 129, Chapter 13, Section 002.01*; Title 129, Chapter 13, Section 002.01
		40 CFR Part 60, Subpart Dc; Title 129, Chapter 12, Section 001.05*; Title 129, Chapter 12, Section 001.06	40 CFR Part 63, Subpart JJJJJJ; Title 129, Chapter 13, Section 002.101*; Title 129, Chapter 13, Section 002.103

Emission Point ID#: EP-3			
Low NO_x Burners and Flue Gas Recirculation	EU-3: Hurst Boiler: 50.4 MMBtu/hr. boiler, combusting Natural Gas and Fuel Oil #2, installed in 2013	40 CFR Part 60, Subpart A; Title 129, Chapter 12, Section 001.01*; Title 129, Chapter 12, Section 001.01	40 CFR Part 63, Subpart A; Title 129, Chapter 13, Section 002.01*; Title 129, Chapter 13, Section 002.01
		40 CFR Part 60, Subpart Dc; Title 129, Chapter 12, Section 001.05*; Title 129, Chapter 12, Section 001.06	40 CFR Part 63, Subpart JJJJJJ; Title 129, Chapter 13, Section 002.101*; Title 129, Chapter 13, Section 002.103

(2) Emission Limitations and Testing Requirements:

(a) Pollutant emission rates from each emission point identified in the table below shall not exceed the permitted limits. Performance testing, if required, shall be conducted in accordance with Standard Condition I.(M).

Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
Emission Point ID#: EP-1				
Opacity	< 20 Percent[1]	6 Minutes	Title 129, Chapter 15, Section 001.04*; Title 129, Chapter 15, Section 001.04	No
Emission Point ID#: EP-2				
Opacity	<20 Percent[1]	6 Minutes	Title 129, Chapter 15, Section 001.04*; Title 129, Chapter 15, Section 001.04	No
Emission Point ID#: EP-3				
Opacity	< 20 Percent [1]	6 Minutes	Title 129, Chapter 15, Section 001.04*; Title 129, Chapter 15, Section 001.04	No

[1] Compliance with opacity limit is demonstrated with compliance with Conditions III.(A)(3)(f) and (A)(5)(f).

(b) The source shall comply with all applicable emission limitations and testing requirements in NSPS Subpart Dc for emission units EU-1, and EU-2, and EU-3 [40 CFR 60 Subparts A and Dc; CP24-005, Condition III.(A)(2)(b) issued August 16, 2024].

(i) The source is subject to the applicable emission limitations requirements of 40 CFR §60.42c, §60.43c

(ii) The source is subject to the applicable testing requirements of 40 CFR §60.44c, §60.45c

(c) The source shall comply with all applicable emission limitations and testing requirements in NESHAP Subpart JJJJJJ for emission units EU-1, and EU-2, and EU-3 [40 CFR 63 Subparts A and JJJJJJ; CP24-005, Condition III.(A)(2)(b) issued August 16, 2024].

(i) The source is subject to the applicable emission limitations and testing requirements of 40 CFR §63.11200, §63.11201, §63.11205, §63.11210 through §63.11214, §63.11220 through §63.11222

(d) The emissions limitations of Chapter 15, Sections 001.02 and 001.04 apply to the emission points identified in Condition III.(A)(1) [CP24-005, Condition III.(A)(2)(a), issued August 16, 2024].

(3) Operational and Monitoring Requirements:

(a) Emissions from emission units EU-1, EU-2, and EU-3 as identified in Condition III.(A)(1) shall be controlled by pollution control equipment as follows: [CP24-005, Condition III.(A)(1) issued August 16, 2024]

(i) EP-1 shall be controlled by low NO_x burners and flue gas recirculation; and

(ii) EP-2 shall be controlled by low NO_x burners and flue gas recirculation; and

(iii) EP-3 shall be controlled by low NO_x burners and flue gas recirculation.

(b) The source shall comply with all applicable operational and monitoring requirements in NSPS Subpart Dc for emission units EU-1, EU-2, and EU-3 [40 CFR 60 Subparts A and Dc; CP24-005, Condition III.(A)(3)(c) issued August 16, 2024].

(i) The source is subject to the operational and monitoring requirements of 40 CFR §60.46c, §60.47c

(c) The source shall comply with all applicable operational and monitoring requirements in NESHAP Subpart JJJJJJ for emission units EU-1, EU-2, and EU-3 [40 CFR 63 Subparts A and JJJJJJ; CP24-005, Condition III.(A)(3)(c) issued August 16, 2024].

(i) The source is subject to the operational and monitoring requirements of 40 CFR §63.11222, §63.11223, §63.11224

(d) Victory Boiler (EU-1), Johnston Boiler (EU-2), and Hurst Boiler (EU-3) shall not combust more than 1,241,537 gallons of Fuel Oil #2 combined per any period of twelve (12) consecutive calendar months. At no time during the first eleven (11) months after the permit issuance shall EU-1, EU-2, and EU-3 combust more 1,241,537 gallons of Fuel Oil #2 combined [Construction Permit CP24-005, Condition III.(A)(3)(b)].

(i) A non-resettable flow meter for Fuel Oil #2 shall be installed on each of the fuel supply lines for EU-1, EU-2, and EU-3. The flow meters shall be calibrated according to manufacturer specifications or at least once per calendar year.

(ii) The source shall maintain records of all Fuel Oil #2 combusted in Victory Boiler (EU-1), Johnston Boiler (EU-2), and Hurst Boiler (EU-3) for each month and for each period of twelve (12) consecutive calendar months.

(iii) The source shall maintain records of the non-resettable flow meter calibrations as required by Condition III.(A)(5)(g)(i).

(e) The sulfur content of fuel oil shall not exceed 0.05 percent. [Title 129, Chapter 6 Sections 003.11* and 003.13*; Title 129, Chapter 6, Sections 003.11 and 003.13; 40 CFR 50.43c(e)(4) and 40 CFR 60.44c(g)]

(f) Emission points EP-1, EP-2, and EP-3 shall only combust natural gas and fuel oil #2. [CP24-005, Condition III.(A)(3)(a) issued August 16, 2024; Title 129, Chapter 6, Section 003.13*; Title 129, Chapter 6, Section 003.13]

(g) Liquid fuels (fuel oil) shall only be combusted during period of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel for emission points EP-1, EP-2, and EP-3, with one exception that is in Condition III.(A)(5). Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year [40 CFR 63, NESHAP Subpart JJJJJJ, §63.11195(e) and §63.11237 definition of gas-fired boiler; and Title 129, Chapter 6, Sections 003.11* and 003.13*; Title 129, Chapter 6, Sections 003.11 and 003.13].

(4) Recordkeeping and Reporting Requirements:

(a) The source shall comply with all applicable recordkeeping and reporting requirements in NSPS Subpart Dc for emission units EU-1, EU-2, and EU-3 [40 CFR 60 Subparts A and Dc; CP24-005, Condition III.(A)(5)(d) issued August 16, 2024].

(i) The source is subject to the applicable recordkeeping and reporting requirements of 40 CFR §60.48c

(b) The source shall comply with all applicable recordkeeping and reporting requirements in NESHAP Subpart JJJJJJ for emission units EU-1, EU-2, and EU-3 [40 CFR 63 Subparts A and JJJJJJ; CP24-005, Condition III.(A)(5)(d) issued August 16, 2024].

(i) The source is subject to the applicable recordkeeping and reporting requirements of 40 CFR §63.11225

(c) The source shall keep records documenting the type of fuel used for each boiler [CP24-005, Condition III.(A)(5)(a) issued August 16, 2024].

(d) The source shall maintain records of all Fuel Oil #2 combusted in EU-1, EU-2, and EU-3 for each month and for each period of twelve (12) consecutive calendar months [Construction Permit CP24-005, Condition III.(A)(5)(b) issued August 16, 2024].

(e) The source shall maintain records of calibrations required by Condition III.(A)(3)(d)(i) [Construction Permit CP24-005, Condition III.(A)(5)(c) issued August 16, 2024].

(f) The source shall keep records documenting the sulfur content of fuel oil combusted in the boilers [Title 129, Chapter 6, Section 003.13B*; Title 129, Chapter 6, Section 003.13B].

(g) The source shall keep records documenting the reason (gas curtailment, gas supply interruption, startups, testing, or other reasons) for the liquid fuels (fuel oil) being combusted in emission units EU-1, EU-2, and/or EU-3 [Title 129, Chapter 6, Section 003.13B*; Title 129, Chapter 6, Section 003.13B].

(5) Alternative Operating Scenario for EP-1, EP-2, and/or EP-3:

(a) The source may operate EP-1, EP-2, and/or EP-3 under an alternative operating scenario. The alternative operating scenario allows the source to combust distillate fuel oil at times other than periods of curtailment or supply interruption, as defined in 40 CFR 63 Subpart JJJJJJ, as long as the source complies with the requirements in Condition III.(A)(5) [Title 129, Chapter 6, Section 003.08*; Title 129, Chapter 6, Section 003.08].

(b) The source shall review and identify NSPS and/or NESHAP that are applicable at the time the alternative operating scenario is exercised. This review shall include, but is not limited to, NSPS Subparts A and Dc and NESHAP Subparts A and JJJJJJ (Title 129, Chapter 12, Sections 001.01* and 001.05*; Chapter 13, Sections 002.01* and 002.101*;

(Title 129, Chapter 12, Sections 001.01 and 001.06; Chapter 13, Sections 002.01 and 002.103)). These Standards are in addition to those identified in Condition III.(A)(2)(a) [Title 129, Chapter 6, Sections 003.08B* and 003.13A*; Title 129, Chapter 6, Sections 003.08B and 003.13A].

(c) The source shall comply with the operating and monitoring requirements in Condition III.(A)(3) as well as those identified in the applicable standards of Condition III.(A)(5)(b) [Title 129, Chapter 6, Sections 003.08B* and 003.13*; Title 129, Chapter 6, Sections 003.08B and 003.13].

(d) The source shall comply with any performance testing requirements that are identified in the applicable standards of Condition III.(A)(5)(b). The performance testing shall be conducted in accordance with Condition I.(M) [Title 129, Chapter 6, Sections 003.08B* and 003.13*; Title 129, Chapter 6, Sections 003.08B and 003.13].

(e) The source shall comply with the following recordkeeping and reporting requirements:

(i) The source shall provide written notification to the DWEE, at least thirty days in advance, except in emergencies that the alternative operating scenario will be exercised. The notifications shall include [40 CFR 63.11225(g); Title 129, Chapter 6, Sections 003.08B* and 003.13B*; Title 129, Chapter 6, Sections 003.08B and 003.13B]:

1. The date on which the alternative operating scenario will be exercised;
2. The emission unit number(s) of the boiler(s) that will operate under the alternative operating scenario; and
3. A copy of the review of applicable standards and the source's conclusions of applicability as per Condition III.(A)(5)(b).

(ii) The source shall document in an operation log or similar record [Title 129, Chapter 6, Sections 003.08A* and 003.13B*; Title 129, Chapter 6, Sections 003.08A and 003.13B]:

1. The date the alternative operating scenario was exercised;
2. The emission unit identification number of each boiler that is operating under the alternative scenario; and
3. The fuel(s) that is being combusted in each boiler that is operating under the alternative scenario;

(iii) The source shall keep a copy of the notification made according to Condition III.(A)(5)(e)(i) [Title 129, Chapter 6, Sections 003.08B* and 003.13B*; Title 129, Chapter 6, Sections 003.08B and 003.13B].

(f) The source shall conduct the following visible emissions surveys for emission points EP-1, EP-2, or EP-3 when the boiler is combusting fuel oil #2, after the normal start-up period is over [Title 129, Chapter 6, Sections 003.03* and 003.11*; Chapter 15, Section 001.04*; Title 129, Chapter 6, Sections 003.03 and 003.11; Chapter 15, Section 001.04]:

(i) A source representative shall conduct visible emissions surveys for each emission point (EP-1, EP-2 or EP-3) on a daily basis. If visible emissions are not documented for forty-five (45) consecutive days of operation the survey frequency may be reduced to once per week. If visible emissions are not documented for 4 consecutive weeks of operation the survey frequency may be reduced to once per month. If visible emissions are noted in the log, the survey frequency shall revert back to daily.

These surveys shall be conducted during daylight hours while each emission unit is operating under normal conditions.

1. For deviation reporting purposes, visible emissions (excluding water vapor) from any emission point shall be considered a deviation and shall be reported in accordance with Condition II.(A).

(ii) The results of each visible emissions survey shall be recorded in a log, which shall include, at a minimum, the following items:

1. The emission points included in the survey.
2. All emission points from which visible emissions occurred (except for water vapor).
3. Emission points for which the emission units were not in operation during the survey.
4. Each entry shall be dated and initialed by the person conducting the visible emissions survey.

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS

(B) Specific Conditions for Meat Rendering Process

(1) Permitted Emission Points:

(a) The following table identifies emission points, emission units, permitted capacities, permitted fuel types, required control equipment the source must operate, and applicable standards at the source at the time of permit issuance, in accordance with operating permit application OP26R2-024, received May 28, 2026, and construction permit CP24-005, issued August 16, 2024, including any supporting information received prior to issuance of this permit:

Control Equipment ID# and Description	Emission Unit Description			Applicable NSPS Requirements	Applicable NESHAP Requirements
Control Equipment ID#: CE-3[1]					
CE-3: Odor Abatement System (12K Venturi Wet Scrubber)	Condenser #3	Condenser #1	EU-4: Supercooker #1	None	None
		Condenser #2	EU-5: Supercooker #2	None	None
	EU-6a, through EU-6f: Presses (6)			None	None
	EU-7a and EU-7b: Centrifuges (2)			None	None
	EU-8a and EU-8b: Drainer Screens (2)			None	None
Emission Point ID#: EP-4					
CE-4: Regenerative Thermal Oxidizer (RTO); 4.0 MMBtu/hr.; Natural Gas combustion	CE-3: Odor Abatement System			None	None
Emission Point ID#: EP-5					
CE-5: Packed Bed Scrubber System	CE-3: Odor Abatement System			None	None

[1] Emissions from CE-3 are routed to either the RTO (CE-4) or the Packed Bed Scrubber System consisting of a 26K Packed Bed Wet Scrubber and a 100K Packed Bed Wet Scrubber (CE-5).

(2) Emission Limitations and Testing Requirements:

(a) Pollutant emission rates from each emission point identified in the table below shall not exceed the permitted limits. Performance testing, if required, shall be conducted in accordance with Standard Condition I.(M).

Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
Emission Point ID#: EP-4 and EP-5				
PM (filterable)	14.50 lb./hr., each unit	Three 1-hour test runs or test method average	Title 129, Chapter 6, Section 003.13A*; Title 129, Chapter 6, Section 003.13A	No[1]
PM_{10}[3]	14.50 lb./hr., each unit	Three 1-hour test runs or test method average	Title 129, Chapter 6, Section 003.13A*; Title 129, Chapter 6, Section 003.13A	No[1]
$PM_{2.5}$[3]	14.50 lb./hr., each unit	Three 1-hour test runs or test method average	Title 129, Chapter 6, Section 003.13A*; Title 129, Chapter 6, Section 003.13A	No[1]
SO_2	10.75 lb./hr., each unit	Three 1-hour test runs or test method average	Title 129, Chapter 6, Section 003.13A*; Title 129, Chapter 6, Section 003.13A	No[1]
NO_x	3.50 lb./hr., each unit	Three 1-hour test runs or test method average	Title 129, Chapter 6, Section 003.13A*; Title 129, Chapter 6, Section 003.13A	Yes[1]
CO	7.00 lb./hr., each unit	Three 1-hour test runs or test method average	Title 129, Chapter 6, Section 003.13A*; Title 129, Chapter 6, Section 003.13A	No[1]
VOC	18.75 lb./hr., each unit	Three 1-hour test runs or test method average	Title 129, Chapter 6, Section 003.13A*; Title 129, Chapter 6, Section 003.13A	No[1]
Opacity	< 20 percent, each unit	6 Minutes	Title 129, Chapter 15, Section 001.04*; Title 129, Chapter 15, Section 001.04	No[2]

[1] Performance Testing required for PM, PM_{10}, $PM_{2.5}$, SO_2, NO_x, CO, and VOC demonstrate compliance with the facility is below the Class I thresholds for criteria pollutants. The testing will be conducted in accordance with Condition I.(M) and Condition III.(B)(2)(b).

[2] Compliance with Condition III.(B)(3)(e) demonstrates compliance with Opacity limitations.

[3] PM_{10} and $PM_{2.5}$ are the total of filterable and condensable emissions.

(b) The source shall conduct performance tests for NO_x for each stack (EP-4 and EP-5) controlling the rendering equipment. During each test, only one control device (RTO or packed bed scrubber system) is tested, and all process emissions (from CE-3) are routed into the control device being tested. [Title 129, Chapter 6, Section 003.13*; Chapter 15, Section 005*; Title 129, Chapter 6, Section 003.13; Chapter 15, Section 005].

(i) Performance tests shall occur at least once every five (5) years after the last valid

performance test.

(3) Operational and Monitoring Requirements:

(a) Emissions from the emission units identified in Condition III.(B)(1)(a) shall be controlled by pollution control equipment as specified in Condition III.(B)(1)(a) [CP24-005, Condition III.(B)(3)(a) issued August 16, 2024]:

(i) Odor Abatement System (CE-3) shall be controlled by either the RTO (CE-4) or the Packed Bed Scrubbers (CE-5) at all times.

(b) Operation and maintenance of each scrubber (12K Venturi Wet Scrubber, 26K Packed Bed Wet Scrubber, and the 100k Packed Bed Wet Scrubber) shall be in accordance with the following requirements [CP24-005, Condition III.(B)(3)(b) issued August 16, 2024]:

(i) The 12K Venturi Wet Scrubber at the Odor Abatement System shall be operated and be controlling emissions at all times when the associated emission units are in operation.

(ii) The scrubbers shall be properly designed, installed, operated and maintained. The manufacturer's operation and maintenance manual, or its equivalent, detailing proper operation, inspection and maintenance of the scrubber shall be kept on site and readily available to DWEE representatives.

(iii) The scrubbers shall be equipped with devices capable of monitoring the following operating parameters in the manner described below.

1. Scrubber pressure differentials shall be monitored and recorded at least once every shift.

2. Scrubbing liquid pH shall be monitored and recorded at least once per hour.

3. Scrubbing liquid flow rate shall be monitored and recorded at least once per hour.

(iv) The scrubber operating parameters shall be maintained at the levels recorded during the most recent valid performance test conducted at the facility as described below:

1. The 12K Venturi Wet Scrubber, 26K Packed Bed Wet Scrubber, and the 100k Packed Bed Wet Scrubber scrubbing liquid pH shall be maintained between 6 and 9.

(v) Observations at least once each day during daylight hours of scrubber operation shall be conducted to determine whether there are leaks, noise, or other indications that corrective action is necessary. If corrective action is necessary, it shall occur immediately.

(vi) Flow meters for recording scrubbing liquid flow rates shall be maintained and calibrated according to manufacturer's instructions.

(c) Operation and maintenance of each condenser shall be in accordance with the following requirements [CP24-005, Condition III.(B)(3)(c) issued August 16, 2024]:

(i) Each condenser shall be operated and be controlling emissions at all times when the associated emission units are in operation.

(ii) Each condenser shall be properly designed, installed, operated and maintained. The manufacturer's operation and maintenance manual, or its equivalent, detailing proper operation, inspection and maintenance of each condenser shall be kept on site and readily available to DWEE representatives.

(iii) Observations at least once each day during daylight hours of each condenser operation shall be conducted to determine whether there are leaks, noise, or other indications that corrective action is necessary. If corrective action is necessary, it shall occur immediately.

(d) Operation and maintenance of the RTO shall be in accordance with the following requirements [CP24-005, Condition III.(B)(3)(d) issued August 16, 2024]:

(i) The RTO shall be equipped with a device capable of continuously monitoring and recording the temperature of the thermal oxidation combustion chamber(s).

(ii) The combustion chamber temperature shall not be operated below 1,400 degrees Fahrenheit. The thermocouple or equivalent device shall record the one-hour average temperature once per hour.

(iii) Observations at least once each day during daylight hours of RTO operation shall be conducted to determine whether there are visible emissions from the stack, leaks, noise, or other indications that corrective action is necessary. If corrective action is required, it shall occur immediately.

(e) The source shall conduct the following visible emissions surveys for emission points EP-4 and EP-5, when the associated control device is operating [Title 129, Chapter 6, Sections 003.03*, 003.11*, and 003.13B*; Chapter 15, Section 001.04*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13B; Chapter 15, Section 001.04]:

(i) A source representative shall conduct visible emissions surveys for each emission point (EP-4 and EP-5) on a daily basis. These surveys shall be conducted during daylight hours while each emission unit is operating under normal conditions.

1. For deviation reporting purposes, visible emissions (excluding water vapor) from any emission point shall be considered a deviation and shall be reported in accordance with Condition II.(A).

(f) The RTO (CE-4) shall combust only natural gas [CP24-005, Condition III.(B)(1)(b) issued August 16, 2024].

(4) Recordkeeping and Reporting Requirements:

(a) The source shall keep records that document the operating parameter data for each scrubber, including the date and time of the readings. The records shall include [CP24-005, Condition III.(B)(5)(a) issued August 16, 2024]:

(i) Scrubber pressure differential readings;

(ii) Scrubbing liquid pH; and

(iii) Scrubbing liquid flow rate.

(b) Each corrective action taken shall be documented upon occurrence, including the date, time, observations, and a description of the corrective action [CP24-005, Condition III.(B)(5)(b) issued August 16, 2024].

(c) The source shall keep records documenting when routine maintenance and preventive actions were performed with a description of the maintenance and/or preventive action performed [CP24-005, Condition III.(B)(5)(c) issued August 16, 2024].

(d) The source shall keep records documenting the number of hours neither the RTO nor the 100k Packed Bed Wet Scrubber were in operation while the associated emission units

were operating and reasons why the RTO or the 100k Packed Bed Wet Scrubber was not operating [CP24-005, Condition III.(B)(5)(d) issued August 16, 2024].

(e) The source shall keep records documenting the date, time, and hourly-average temperatures for each day the associated RTO is in operation [CP24-005, Condition III.(B)(5)(e) issued August 16, 2024].

(f) The results of each visible emissions survey shall be recorded in a log, which shall include, at a minimum, the following items [Title 129, Chapter 6, Sections 003.03*, 003.11*, and 003.13C*; Chapter 15, Section 001.04*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13C; Chapter 15, Section 001.04]:

(i) The emission points included in the survey.

(ii) All emission points from which visible emissions occurred (except for water vapor).

(iii) Emission points for which the emission units were not in operation during the survey.

(iv) Each entry shall be dated and initialed by the person conducting the visible emissions survey.

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS

(C) Specific Conditions for Wastewater Treatment Operations

(1) Permitted Emission Points:

(a) The following table identifies emission points, emission units, permitted capacities, permitted fuel types, required control equipment the source must operate, and applicable standards at the source at the time of permit issuance, in accordance with operating permit application OP26R2-024, received May 28, 2026, and construction permit CP24-005, issued August 16, 2024, including any supporting information received prior to issuance of this permit:

Control Equipment ID# and Description	Emission Unit Description	Applicable NSPS Requirements	Applicable NESHAP Requirements
Emission Point ID#: EP-6			
CE-6: Biogas Flare, maximum capacity 8.11 MMBtu/hr.; permitted fuel type: Biogas	EU-9a: Anaerobic Lagoon 1	None	None
	EU-9b: Anaerobic Lagoon 2	None	None
	EU-10: Pilot, maximum permitted capacity: 2.0 MMBtu/hr.; permitted fuel type: Propane	None	None

(2) Emission Limitations and Testing Requirements:

(a) Pollutant emission rates from each emission point identified in the table below shall not exceed the permitted limits. Performance testing, if required, shall be conducted in accordance with Standard Condition I.(M).

Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
Emission Point ID#: EP-6				
SO_X	12.41 lb./hr.	Three 1-hour test runs or test method average	CP24-005 Condition III.(C)(2)(i), issued August 16, 2024	No
H_2S	6,000 ppm (inlet)	12-month rolling	CP24-005 Condition III.(C)(2)(i), issued August 16, 2024	No[1]
Opacity	<20 percent	6 Minutes	CP24-005 Condition III.(C)(2)(ii) issued August 16, 2024	No

[1] Compliance with the H_2S limit is demonstrated via monthly biogas samples.

(3) Operational and Monitoring Requirements:

(a) Biogas generated from EU-9a and EU-9b shall be combusted in CE-6 [CP24-005 Condition III.(C)(3)(a)(i) issued August 16, 2024].

(b) The flare (CE-6) shall be properly designed, installed, operated, and maintained. The manufacturer's operations and maintenance manual, or its equivalent, detailing proper operation, inspection, and maintenance of the flare shall be kept on site and be readily available to DWEE representatives [CP24-005 Condition III.(C)(3)(a)(ii) issued August 16, 2024].

(c) The flare (CE-6) shall only combust biogas, except for the propane pilot [CP24-005 Condition III.(C)(3)(a)(iii) issued August 16, 2024].

(d) When emissions are routed to CE-6, a spark or flame shall be present in the flare. The facility must install an appropriate safety device or flame monitoring system to ensure that emissions cannot be sent to the flare without the presence of a spark or flame [CP24-005 Condition III.(C)(3)(a)(iv) issued August 16, 2024].

(e) The anaerobic lagoons (EU-9a and EU-9b) and the biogas flare (CE-6) shall be properly designed, installed, operated and maintained. Manufacturer's documentation shall be kept on site and readily available to DWEE representatives. [CP24-005 Condition III.(C)(3)(a)(iv)1. Issued August 16].

(f) Observations shall be conducted during daylight hours at least once each day of operation of the waste gas flare (CE-6) to determine if there are visible emissions from the stack or other indications that corrective action is needed. If corrective action is necessary, it shall occur immediately [CP24-005 Condition III.(C)(3)(a)(v) issued August 16, 2024].

(g) The flow rate of biogas combusted in the flare (CE-6) shall not exceed 65 MMscf per any period of twelve (12) consecutive calendar months. At no time during the first eleven (11) months after permit issuance shall the total flow of biogas routed to the flare exceed 65 MMscf [CP24-005 Condition III.(C)(3)(b) issued August 16, 2024].

(h) Emission Point EP-6 shall be equipped with a non-resettable hour meter to record the operating hours. Emission Point EP-6 shall be limited to 1,500 operating hours per any period of twelve (12) consecutive calendar months [CP24-005 Condition III.(C)(3)(c) issued August 16, 2024].

(i) Compliance with the operational limit identified in Condition III.(C)(3)(g) for the flow rate of biogas combusted in the flare (CE-6) shall be demonstrated using the calculation methodology identified below [CP24-005 Condition III.(C)(3)(c) issued August 16, 2024]:

$$\dot{V}_X = \dot{V}_t \times C_t$$

Where:

$\dot{V}_X$ = Maximum monthly biogas throughput (scf/mo)

$\dot{V}_t$ = Maximum hourly biogas throughput (scf/hr)

C_t = Hours of operation of flare (CE-6) per month (hr./mo.)

(j) The sulfur oxide (SO_x) concentration in the inlet to the flare shall not exceed 12.41 lb./hr. on three 1-hour test runs or test method average. The hydrogen sulfide (H_2S) concentration in the inlet to the flare shall not exceed 6,000 ppm for any single sampling event. A H_2S sample shall be collected and tested at a minimum of once per six consecutive calendar months. [CP24-005 Condition III.(C)(2)(i) issued August 16, 2024].

(k) A source representative shall conduct visible emissions surveys for emission point CE-6 on a daily basis. These surveys shall be conducted during daylight hours while each emission unit is operating under normal conditions [Title 129, Chapter 6, Sections

003.03*, 003.11*, and 003.13C*; Chapter 15, Section 001.04*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13C; Chapter 15, Section 001.04].

1. For deviation reporting purposes, visible emissions (excluding water vapor) from any emission point shall be considered a deviation and shall be reported in accordance with Condition II.(A).

(4) Recordkeeping and Reporting Requirements:

(a) The source shall keep daily records of spark or flame presence at the flare tip to demonstrate compliance with Condition III.(C)(3)(d) [CP24-005 Condition III.(C)(5)(a) issued August 16, 2024].

(b) In order to demonstrate compliance with Condition III.(C)(3)(e), operation and maintenance records for the anaerobic lagoons, flare, and associated equipment shall include the following [CP24-005 Condition III.(C)(5)(b) through (5)(g)]:

(i) Records documenting flow rate of biogas combusted in the flare (CE-6) for each month and for each period of twelve (12) consecutive calendar months to demonstrate compliance with Condition III.(C)(3)(g).

(ii) Records documenting when routine maintenance and preventive actions were performed with a description of the maintenance and/or preventive action performed.

(iii) Records documenting equipment failures, malfunctions, or other variations, including time of occurrence, remedial action taken, and when corrections were made.

(iv) Records documenting the time, date, observations, and corrective actions taken for each day the flare (CE-6) is in operation.

(iv) In compliance with Condition III.(C)(3)(d) records documenting any malfunctions that occur to the safety device or flame monitoring system, including description of the malfunction and any corrective actions taken.

(vi) Records documenting the date, time, and results of biogas sampling, including H_2S concentration of biogas in ppm, for each month and each period of twelve (12) consecutive calendar months.

(c) In order to demonstrate compliance with Condition III.(C)(3)(j), the source shall keep records of the H_2S concentration in the inlet to the flare for each sampling event [CP24-005 Condition III.(C)(5)(g) issued August 16, 2024].

(d) In order to demonstrate compliance with Condition III.(C)(3)(h), the source shall keep records of hours of operations for the waste gas flare for each calendar month and for each period of twelve (12) consecutive calendar months [CP24-005 Condition III.(C)(3)(c) and (C)(5)(b)].

(e) The results of each visible emissions survey shall be recorded in a log, which shall include, at a minimum, the following items [Title 129, Chapter 6, Sections 003.03*, 003.11*, and 003.13C*; Chapter 15, Section 001.04*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13C; Chapter 15, Section 001.04]:

(i) The emission points included in the survey.

(ii) All emission points from which visible emissions occurred (except for water vapor).

(iii) Emission points for which the emission units were not in operation during the survey.

(v) Each entry shall be dated and initialed by the person conducting the visible emissions survey.

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS

(D) Specific Conditions for Emergency Equipment

(1) Permitted Emission Points:

(a) The following table identifies emission points, emission units, permitted capacities, permitted fuel types, required control equipment the source must operate, and applicable standards at the source at the time of permit issuance, in accordance with operating permit application OP26R2-024, received May 28, 2026, and construction permit CP24-005, issued August 16, 2024, including any supporting information received prior to issuance of this permit:

Control Equipment ID# and Description	Emission Unit Description	Applicable NSPS Requirements	Applicable NESHAP Requirements
Emission Point ID#: EP-9			
None	RTO Emergency Back-up Generator Engine, Eaton EGENX32, 32 kW, 0.375 MMBtu/hr., spark ignition reciprocating internal combustion engine, natural gas fired, 4-stroke lean-burn, manufactured and installed in 2018.	40 CFR Part 60, NSPS Subpart A; Title 129, Chapter 12, Section 001.01*; Title 129, Chapter 12, Section 001.01	40 CFR Part 63, NESHAP Subpart A; Title 129, Chapter 13, Section 002.01*; Title 129, Chapter 13, Section 002.01
		40 CFR Part 60, NSPS Subpart JJJJ; Title 129, Chapter 12, Section 001.81*; Title 129, Chapter 12, Section 001.82	40 CFR Part 63, NESHAP Subpart ZZZZ; Title 129, Chapter 13, Section 002.78*; Title 129, Chapter 13, Section 002.79

(b) The source shall notify the DWEE, in writing, if the emission unit EU-9 changes from limited use to not limited use under NESHAP Subpart ZZZZ. Notification is required within fifteen (15) days of such knowledge by the source [CP24-005 Condition III.(D)(2)(c) issued August 16, 2024; 40 CFR 63.9(j)].

(i) The notification shall include a proposed emission testing schedule and any changes in reporting frequency for each engine that changes use category.

(2) Emission Limitations and Testing Requirements:

(a) Pollutant emission rates from each emission point identified in the table below shall not exceed the permitted limits. Performance testing, if required, shall be conducted in accordance with Standard Condition I.(M).

Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
Emission Point ID#: EP-9				
PM	0.60 lb./MMBtu[1]	Three 1-hour or test method average	Title 129, Chapter 15, Section 001.02*; Title 129, Chapter 15, Section 001.02	No
NO_x + HC	10 g/hp-hr.[2],[3]	Three 1-hour or test method average	NSPS Subpart JJJJ, Title 129, Chapter 12, Section 001.81*; Title 129, Chapter 12, Section 001.82	No
NO_x	0.38 lb./hr.		CP24-005 Condition III.(D)(2)(a) issued August 16, 2024	
CO	387 g/hp-hr.[2],[3]	Three 1-hour or test method average	NSPS Subpart JJJJ, Title 129, Chapter 12, Section 001.81*; Title 129, Chapter 12, Section 001.82	No
	0.03 lb./hr.		CP24-005 Condition III.(D)(2)(a) issued August 16, 2024	
Opacity	20 percent[4]	6-minutes	Title 129, Chapter 15, Section 001.04*; Title 129, Chapter 15, Section 001.04	No

[1] Compliance with Condition III.(D)(3)(c) demonstrates compliance with Particulate limitations.
[2] Compliance with this NO_x + HC and CO limitations are demonstrated by complying with Condition III.(D)(3)(a). HC is defined as hydrocarbons. Emission limitations have citations of 40 CFR 60.4233(d) → Table 1 (25<hp<130).
[3] Compliance with NSPS Subpart JJJJ demonstrates compliance with NESHAP Subpart ZZZZ per 40 CFR 63.6590(c)(1).
[4] Compliance with Condition III.(D)(3)(f) demonstrates compliance with Opacity limitations.

(b) The source shall comply with all applicable emission limitations and testing requirements in NSPS Subpart JJJJ for emission unit EU-9 [CP24-005 Condition III.(D)(2)(c) issued August 16, 2024; 40 CFR 60 Subparts A and JJJJ]

(i) The source is subject to the applicable emission limitations requirements of 40 CFR §60.4233, §60.4234

(ii) The source is subject to the applicable testing requirements of 40 CFR §60.424

(c) The source shall comply with all applicable emission limitations and testing requirements in NESHAP Subpart ZZZZ for emission unit EU-9 [CP24-005 Condition III.(D)(2)(c) issued August 16, 2024; 40 CFR 63; Subparts A and ZZZZ]

(i) The source is subject to the emission limitations and testing requirements of 40 CFR §63.6603.

(d) The NESHAP for Stationary Reciprocating Internal Combustion Engines, Subpart ZZZZ,

is applicable to the emergency generator engine EU-9 [CP24-005 Condition III.(D)(2)(c) issued August 16, 2024]. However, per §63.6590(c), the applicable requirements of Subpart ZZZZ are met through compliance with the applicable requirements of JJJJ for EU-9.

(3) Operational and Monitoring Requirements:

(a) The source shall comply with all applicable operational and monitoring requirements in NSPS Subpart JJJJ for emission unit EU-9 [CP24-005 Condition III.(D)(3)(d) issued August 16, 2024].

(i) The source is subject to the operational and monitoring requirements of 40 CFR §60.4235 through §60.4237

(b) The source shall comply with all applicable operational and monitoring requirements in NESHAP Subpart ZZZZ for emission unit EU-9 [CP24-005 Condition III.(D)(3)(d) issued August 16, 2024]

(i) The source is subject to the operational and monitoring requirements of 40 CFR §63.6605, §63.6625, §63.6640

(c) The emergency backup engine (EU-ENG) shall not exceed five hundred (500) operating hours per any period twelve (12) consecutive calendar months [CP24-005 Condition III.(D)(3)(b), issued August 16, 2024].

(i) The emergency backup engine (EU-ENG) shall be equipped with a non-resettable hour meter to record the operating hours to determine compliance. The hour meter shall be properly installed, operated, calibrated, and maintained. The manufacturer's operation and maintenance manual, or the equivalent, detailing proper operation, inspection, and maintenance of the hour meter shall be kept on site and readily available to Department representatives [CP24-005 Condition III.(D)(3)(b)(i) issued August 16, 2024].

(d) Non-emergency operation of the emergency backup engine (EU-ENG) shall not exceed 100 hours per any period of twelve (12) consecutive calendar months. At no time during the first eleven (11) months after permit issuance shall the emergency backup engine's total operating hours exceed 100 hours of non-emergency use [CP24-005 Condition III.(D)(3)(c), issued August 16, 2024].

(i) Non-emergency operation of the emergency backup engine (EU-ENG) shall be limited to between the hours of 11:00 AM and 4:00 PM CDT/CST [CP24-005 Condition III.(D)(3)(c)(i), issued August 16, 2024]

(d) Only natural gas shall be combusted in the emergency engine [CP24-005 Condition III.(D)(3)(a) issued August 16, 2024].

(e) The emergency engine shall be properly installed, operated, and maintained. The manufacturer's operation and maintenance manuals, or the equivalent, detailing proper operation, inspection, and maintenance of the emergency generator shall be kept on site and readily available to Department representatives [Title 129, Chapter 6, Sections 003.03*, 003.11* and 003.13*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13].

(f) The source shall conduct the following visible emissions surveys for emission point EP-9 on a daily basis. These surveys shall be conducted during daylight hours while each emission unit is operating under normal conditions [Title 129, Chapter 6, Sections 003.03* and 003.11*; Chapter 15, Section 001.04*; Title 129, Chapter 6, Sections 003.03

and 003.11; Chapter 15, Section 001.04]:

(i) For deviation reporting purposes, visible emissions (excluding water vapor) from any emission point shall be considered a deviation and shall be reported in accordance with Condition II.(A).

(4) Recordkeeping and Reporting Requirements:

(a) The source shall comply with all applicable recordkeeping and reporting requirements in NSPS Subpart JJJJ for emission units EP-9 [CP24-005 Condition III.(D)(5)(c) issued August 16, 2024].

(i) The source is subject to the applicable recordkeeping and reporting requirements of 40 CFR §60.4245

(b) The source shall comply with all applicable recordkeeping and reporting requirements in NESHAP Subpart ZZZZ for emission unit EU-9 [CP24-005 Condition III.(D)(5)(c) issued August 16, 2024].

(i) The source is subject to the recordkeeping and reporting requirements of 40 CFR §63.6650, §63.6655

(c) The source shall keep the records for the hours of operation for the emergency engine for each calendar month and for each period of twelve (12) consecutive calendar months. [CP24-005 Condition III.(D)(5)(a) issued August 16, 2024]

(d) Operation and maintenance records for the emergency engine shall include the following [CP24-005 Condition III.(D)(5)(b) issued August 16, 2024; Title 129, Chapter 6, Sections 003.03*, 003.11*, and 003.13B*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13B]:

(i) Records documenting when routine maintenance and preventive actions were performed with a description of the maintenance and/or preventive action performed.

(ii) Records documenting equipment failures, malfunctions, or other variations, including time of occurrence, remedial action taken, and when corrections were made. Reporting to the Department shall be in accordance with Title 129, Chapter 15, Section 006.05*; Title 129, Chapter 15, Section 006.05.

(e) The results of each visible emissions survey shall be recorded in a log, which shall include, at a minimum, the following items [Title 129, Chapter 6, Section 003.03*; Chapter 15, Section 001.04*; Title 129, Chapter 6, Section 003.03; Chapter 15, Section 001.04]:

(i) The emission points included in the survey.

(ii) All emission points from which visible emissions occurred (except for water vapor).

(iii) Emission points for which the emission units were not in operation during the survey.

(iv) Each entry shall be dated and initialed by the person conducting the visible emissions survey.

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS

(E) Specific Conditions for Product Storage, Hammermilling, and Loading

(1) Permitted Emission Points:

(a) The following table identifies emission points, emission units, permitted capacities, permitted fuel types, required control equipment the source must operate, and applicable standards at the source at the time of permit issuance, in accordance with operating permit application OP26R2-024, received May 28, 2026, and construction permit CP24-005, issued August 16, 2024, including any supporting information received prior to issuance of this permit:

Control Equipment ID# and Description	Emission Unit Description	Applicable NSPS Requirements	Applicable NESHAP Requirements
Emission Point ID#: EP-GRIND			
N/A	EU-GRIND: Hammermill; Maximum Capacity 28 tons/hr.	None	None
Emission Point ID#: EP-SILO1			
N/A	EU-SILO1: Protein Meal Silo #1; Maximum Capacity 1,200 bu./hr.	None	None
Emission Point ID#: EP-SILO2			
N/A	EU-SILO2: Protein Meal Silo #2; Maximum Capacity 1,200 bu.hr.	None	None
Emission Point ID#: EP-LOADFUG			
Partial Enclosure	EU-LOADFUG1: Finished Red Meat Protein Loadout 1; Maximum Capacity 25 tons/hr.	None	None
Partial Enclosure	EU-LOADFUG2: Finished Red Meat Protein Loadout 2; Maximum Capacity 25 tons/hr.		

(2) Emission Limitations and Testing Requirements:

(a) Pollutant emission rates from each emission point identified in the table below shall not exceed the permitted limits. Performance testing, if required, shall be conducted in accordance with Standard Condition I.(M).

Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
Emission Point ID#: EP-GRIND				
PM_{10}	0.09 lb./hr.	Three 1-hour test runs or test method average	Construction Permit CP24-005, Condition III.(E)(2), issued August 16, 2024	No

Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
Emission Point ID#: EP-SILO1 and SILO2[1]				
PM	0.69 lb./hr. (each)	Three 1-hour test runs or test method average	Construction Permit CP24-005, Condition III.(E)(2), issued August 16, 2024	No
PM_{10}	0.17 lb./hr. (each)	Three 1-hour test runs or test method average	Construction Permit CP24-005, Condition III.(E)(2), issued August 16, 2024	No
Emission Point ID#: EP-LOADFUG				
PM_{10}	0.02 lb./hr.	Three 1-hour test runs or test method average	Construction Permit CP24-005, Condition III.(E)(2), issued August 16, 2024	No

[1] The tons/yr values for each silo assume all the meal is going through each silo. Since the meal is not going through all three silos prior to loadout, the facility PTE is based on all meals going through one of the silos (since each silo has the same lb./hr. emission rate).

(b) At this time, the Department has not identified any NSPS, NESHAP, or MACT requirements that apply to the emission points or emission units listed in Condition III.(E)(1).

(3) Operational and Monitoring Requirements:

(a) All emissions from the emission units identified in Condition III.(E)(1) shall be controlled by pollution control equipment as specified in Condition III.(E)(1) [CP24-005 Condition III.(E)(3)(a) issued August 16, 2024].

(b) The hammermill (EU-GRIND) throughput (measured as weight of product milled) shall not exceed 65,000 tons per any period of twelve (12) consecutive calendar months. At no time during the first eleven (11) calendar months after permit issuance shall the hammermill throughput exceed 65,000 tons [CP24-005 Condition III.(E)(3)(b) issued August 16, 2024].

(4) Recordkeeping and Reporting Requirements:

The owner or operator shall maintain the following records:

(a) Records documenting hammermill (EU-GRIND) throughput, measured as weight of product milled, for each month and for each period of twelve (12) consecutive calendar months to demonstrate compliance with Condition III.(E)(3)(b) [CP24-005 Condition III.(E)(5)(a) issued August 16, 2024.

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS

(F) Specific Conditions for Haul Roads

(1) Permitted Emission Points:

(a) The following table identifies emission points, emission units, permitted capacities, permitted fuel types, required control equipment the source must operate, and applicable standards at the source at the time of permit issuance, in accordance with operating permit application OP26R2-024, received May 28, 2026, and construction permit CP24-005, issued August 16, 2024, including any supporting information received prior to issuance of this permit:

Control Equipment ID# and Description	Emission Unit Description	Applicable NSPS Requirements	Applicable NESHAP Requirements
Emission Point ID#: EP-MOBILE			
None	On-site paved haul roads with production related truck traffic	None	None

(2) Emission Limitations and Testing Requirements:

(a) Pollutant emission rates from each emission point identified in the table below shall not exceed the permitted limits. Performance testing, if required, shall be conducted in accordance with Standard Condition I.(M).

Emission Point ID#: EP-MOBILE				
Pollutant	**Permitted Limit**	**Averaging Period**	**Basis for Permit Limit**	**Performance Testing Required**
Opacity	< 20 Percent[1]	6 Minutes	Title 129, Chapter 15, Section 001.04*; Title 129, Chapter 15, Section 001.04	No

[1] Compliance with this limit is demonstrated by potential emission rates, which are less than the permitted limits.

(b) The requirements specified in Title 129, Chapter 15, Section 001.04*; Title 129, Chapter 15, Section 001.04 are applicable to the haul roads (EP-MOBILE) [CP24-005 condition III.(F)(2)(a) issued August 16, 2024].

(3) Operational and Monitoring Requirements:

(a) All on-site haul roads with production-related truck traffic shall be paved. The paved haul roads shall comply with the following conditions [CP24-005 Condition III.(F)(3)(a) issued August 16, 2024]:

(i) The owner or operator shall utilize best management practice (BMPs) to control emissions from haul roads to comply with Condition I.(L) and Condition III.(F)(2)(a). The effectiveness of the BMPs to minimize emissions from haul roads and maintain the permitted silt loading value will be demonstrated by compliance with Condition I.(L).

(b) The owner or operator shall conduct visible fugitive emissions surveys of the plant property and haul roads during daylight hours at least once per day of operation to determine if visible fugitive emissions are being generated and leaving plant property. Implementation of fugitive dust controls shall be taken upon observation of visible fugitive emissions leaving plant property [CP24-005 Condition III.(F)(3)(b) issued August 16, 2024].

(4) Recordkeeping and Reporting Requirements:

The owner or operator shall maintain the following records:

(a) Records documenting use of BMPs on haul roads (EP-MOBILE), including the date, time, and type of BMP used [CP24-005 Condition III.(F)(5)(a) issued August 16, 2024].

(b) Records of haul road visible fugitive emissions surveys taken for each day of operation and a description of corrective action taken, if needed [CP24-005 Condition III.(F)(5)(b) issued August 16, 2024].

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