



AIR QUALITY CLASS II OPERATING PERMIT

PERMIT NUMBER: OP26S2-023

DWEE ID: 116136

Program ID: AIR 111 00111

Permit Issued To: Sustainable Beef, LLC

Name of Source in Application: Sustainable Beef, LLC

Mailing Address: 1701 S. Newberry Road, North Platte, Nebraska, 69101

Source Location: 1701 S. Newberry Road, North Platte, Lincoln County, Nebraska 69101

Project Description: This Operating Permit approves the operation of a beef packing and by-product rendering facility

Standard Industrial Classification (SIC) Code: 2011, Slaughter and Meat Packing Plants

North American Industry Classification System (NAICS) Code: 311611, Animal (except Poultry) Slaughtering

Superseded Operating Permits: None

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 beef packing and by-product rendering facility. This Operating Permit approves the operation of this source as identified in the Air Quality Operating Permit Application, #26S2-023, received May 26, 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

TABLE OF CONTENTS

Permit Signature Page.....	i
Table of Contents.....	ii
Abbreviations, Symbols, and Units of Measure	iii
<u>Permit Conditions:</u>	
I. Standard Conditions	Page 1
II. General Conditions.....	Page 6
III. Specific Conditions for Affected Emission Points	
(A) Boilers.....	Page 11
<i>EP-BLR_01, EP-BLR_02, EP-BLR_03</i>	
(B) Emergency Engine	Page 14
<i>EP-ENG3</i>	
(C) Rendering Operations	Page 18
<i>EP-PBS3</i>	
(D) Blood Drying	Page 24
<i>EP-PBS4</i>	
(E) Evaporators	Page 29
<i>EP-EVAP1, EP-EVAP2, EP-EVAP3, EP-EVAP4</i>	
(F) Dried Blood Hammermill, Product Storage and Shipping	Page 32
<i>EP-MBMSHIP, EP-BLDSHIP, EP-BLDMILL</i>	
(G) Sanitation	Page 36
<i>EP-CHEM</i>	
(H) Haul Roads.....	Page 38
<i>EP-ROAD</i>	
(I) Miscellaneous Combustion Units	Page 40
<i>EP-Fab Floor 1, EP-Fab Floor 2, EP-Miscellaneous, EP-Fab Floor 4, EP-Fab Floor 5</i>	
IV. Specific Conditions for Multiple Affected Emission Points	
(A) Source-Wide Emissions Limitations.....	Page 42
<i>EP-PBS3, EP-PBS4</i>	

ABBREVIATIONS, SYMBOLS, and UNITS OF MEASURE

AP-42	Compilation of Air Pollutant Emission Factors, Volume I, Stationary Point and Area Sources	n/a	Not Applicable
BACT	Best Available Control Technology	NAAQS	National Ambient Air Quality Standards
Btu	British Thermal Unit	NESHAP	National Emission Standards for Hazardous Air Pollutants
bu	Bushel	NO ₂	Nitrogen Dioxide
CAA	Clean Air Act	NO _x	Nitrogen Oxides
CE	Control Equipment	N ₂ O	Nitrous Oxides
cf	Cubic feet	NSPS	New Source Performance Standard
CEMS	Continuous Emissions Monitoring System	NSR	New Source Review
CFC	Chlorofluorocarbons	OP	Operating Permit
CFR	Code of Federal Regulations	PAL	Plant-wide Applicability Limit
CO	Carbon Monoxide	PEMS	Predictive Emissions Monitoring System
CO ₂	Carbon Dioxide	Pb	Lead (chemical abbreviation)
CO ₂ e	Carbon Dioxide Equivalent	PM	Particulate Matter
COMS	Continuous Opacity Monitoring System	PM _{2.5}	Particulate Matter with an aerodynamic diameter equal to or less than 2.5 microns
CP	Construction Permit	PM ₁₀	Particulate Matter with an aerodynamic diameter equal to or less than 10 microns
Director	Director of the DWEE	PM ₁₀ (total)	Filterable and condensable particulate matter
dscf	Dry Standard Cubic Feet	ppb	Parts per Billion
dscfm	Dry Standard Cubic Feet per Minute	ppm	Parts per Million
DWEE	Nebraska Department of Water, Energy, and Environment	ppmv	Parts per Million by Volume
EMIS	Emergency Management Information System	ppmvd	Parts per Million by Volume, Dry Basis
EQC	Environmental Quality Council	PSD	Prevention of Significant Deterioration
EP	Emission Point	PTE	Potential to Emit
EU	Emission Unit	scf	Standard Cubic Feet
FIP	Federal Implementation Plan	SIC	Standard Industrial Classification
FR	Federal Register	SIP	State Implementation Plan
ft	Feet	SO ₂	Sulfur Dioxide
FTIR	Fourier Transform Infrared	SO _x	Sulfur Oxides
GHGs	Greenhouse Gases	TDS	Total Dissolved Solids
HAP	Hazardous Air Pollutant(s)	Title 129	Title 129, Nebraska Air Quality Regulations
hp	Horsepower	tpy	Tons per year
hr	Hour	TRS	Total Reduced Sulfur
lb	Pound	TSP	Total Suspended Particulate Matter
LDAR	Leak Detection and Repair	USEPA	United States Environmental Protection Agency
LNB	Low NO _x Burner	UTM	Universal Transverse Mercator
MACT	Maximum Achievable Control Technology	VHAP	Volatile Hazardous Air Pollutant
Mgal	One Thousand Gallons	VMT	Vehicle Miles Traveled
MMBtu	One Million British Thermal Units	VOC	Volatile Organic Compound
MMgal	One Million Gallons	yr	Year
MMscf	One Million Standard Cubic Feet		
MSDS	Material Safety Data Sheet		

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, log book/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*; Title 129 Chapter 6, Sections 003.01 and 003.13; Chapter 15, Section 005.06*; 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 to 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 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; Title 129, Chapter 6, Sections 002.06, 003.11 and 003.13)*; Title 129, Chapter 1, Section 002.92; Title 129, 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, and Chapter 15, Sections 006.04 and 006.05)*; Title 129, Chapter 6, Sections 003.03B, 003.03B4, and 003.13, and 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; Title 129, Chapter 6, Sections 003.09 and 003.13)*; Title 129, Chapter 9, Section 006; Title 129, 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, Sections 003.13*; Title 129, Chapter 6, Sections 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 Chapters 3* or 4*; 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, Sections 002.05C*; Title 129, Chapter 6, Sections 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; Title 129, Chapter 15, Section 005)*; Title 129, Chapter 6, Sections 003.03 and 003.13; Title 129, 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, OP26S2-023, received May 26, 2026, and construction permit, CP25-039, issued July 2, 2026, 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-BLR_01			
N/a	EU-BLR_01: Boiler #1 with Flue Gas Recirculation; maximum permitted capacity: 43.35 MMBtu/hr; permitted fuel type: natural gas; installed May 2025	40 CFR Part 60, Subpart A; Title 129, Chapter 12, Section <u>001.01*</u> ; Title 129, Chapter 12, Section <u>001.01</u>	None
		40 CFR Part 60, Subpart Dc; Title 129, Chapter 12, Section <u>001.05*</u> ; Title 129, Chapter 12, Section <u>001.06</u>	
Emission Point ID#: EP-BLR_02			
N/a	EU-BLR_02: Boiler #2 with Flue Gas Recirculation; maximum permitted capacity: 43.35 MMBtu/hr; permitted fuel type: natural gas; installed May 2025	40 CFR Part 60, Subpart A; Title 129, Chapter 12, Section <u>001.01*</u> ; Title 129, Chapter 12, Section <u>001.01</u>	None

		Title 129, Chapter 12, Section <u>001.05*</u> ; Title 129, Chapter 12, Section <u>001.06</u>	
Emission Point ID#: EP-BLR_03			
N/a	EU-BLR_03: Boiler #3 with Flue Gas Recirculation; maximum permitted capacity: 43.35 MMBtu/hr; permitted fuel type: natural gas; installed May 2025	40 CFR Part 60, Subpart A; Title 129, Chapter 12, Section <u>001.01*</u> ; Title 129, Chapter 12, Section <u>001.01</u> 40 CFR Part 60, Subpart Dc; Title 129, Chapter 12, Section <u>001.05*</u> ; Title 129, Chapter 12, Section <u>001.06</u>	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-BLR_01, EP-BLR_02, EP-BLR_03				
Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
PM (Filterable)	0.32 lb/hr (each emission point)	Three 1-hour test runs or test method average	Construction Permit CP25-039, Condition III.(A)(2)(a), issued July 2, 2026	No ^[1]
SO ₂	0.03 lb/hr (each emission point)	Three 1-hour test runs or test method average	Construction Permit CP25-039, Condition III.(A)(2)(a), issued July 2, 2026	No ^[1]
NO _x	2.13 lb/hr (each emission point)	Three 1-hour test runs or test method average	Construction Permit CP25-039, Condition III.(A)(2)(a), issued July 2, 2026	No ^[1]
CO	3.57 lb/hr (each emission point)	Three 1-hour test runs or test method average	Construction Permit CP25-039, Condition III.(A)(2)(a), issued July 2, 2026	No ^[1]

Emission Point ID#: EP-BLR_01, EP-BLR_02, EP-BLR_03				
Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
VOC	0.45 lb/hr (each emission point)	Three 1-hour test runs or test method average	Construction Permit CP25-039, Condition III.(A)(2)(a), issued July 2, 2026	No ^[1]
Opacity	< 20 Percent ^[2] (each emission point)	6 Minutes	Title 129, Chapter 15, Section 001.04*; Title 129, Chapter 15, Section 001.04	No

^[1] Performance testing is not being required at this time for those pollutants for which the emission factors used in the potential emissions calculations were obtained from AP-42 Compilation of Air Pollutant Emission Factors published by EPA.

^[2] Compliance with Condition III.(A)(3)(a) demonstrates compliance with Opacity limitations.

- (b) The source shall comply with all applicable emission limitations and testing requirements in NSPS Subpart Dc for emission units EU-BLR_01, EU-BLR_02, and EU-BLR_03. [40 CFR 60; Subparts A and Dc; Construction Permit, CP25-039, Conditions III.(A)(2)(b) and III.(A)(4), issued July 2, 2026]
 - (i) The source is subject to the applicable emission limitations requirements of 40 CFR §60.42c and §60.43c.
 - (ii) The source is subject to the applicable testing requirements of 40 CFR §60.44c and §60.45c.
- (3) Operational and Monitoring Requirements:
 - (a) Natural gas shall be the only fuel combusted in boilers EU-BLR_01, EU-BLR_02, and EU-BLR_03. [Construction Permit, CP25-039, Condition III.(A)(1), issued July 2, 2026]
 - (b) The source shall comply with all applicable operational and monitoring requirements in NSPS Subpart Dc for emission units EU-BLR_01, EU-BLR_02, and EU-BLR_03. [40 CFR 60; Subparts A and Dc; Construction Permit, CP25-039, Conditions III.(A)(3)(a) and III.(A)(4), issued July 2, 2026]
 - (i) The source is subject to the operational and monitoring requirements of 40 CFR §60.46c and §60.47c.
- (4) Recordkeeping and Reporting Requirements:
 - (a) The source shall maintain records documenting when routine maintenance and preventative actions were performed on the boilers, EU-BLR_01, EU-BLR_02, and EU-BLR_03, with a description of the maintenance and/or preventative action performed. [Construction Permit, CP25-039, Condition III.(A)(5)(a), issued July 2, 2026]
 - (b) The source shall comply with all applicable recordkeeping and reporting requirements in NSPS Subpart Dc for emission units EU-BLR_01, EU-BLR_02, and EU-BLR_03. [40 CFR 60; Subparts A and Dc; Construction Permit, CP25-039, Conditions III.(A)(5)(b) and III.(A)(4), issued July 2, 2026]
 - (i) The source is subject to the applicable recordkeeping and reporting requirements of 40 CFR §60.48c.

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS

(B) Specific Conditions for Emergency Engine

(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, OP26S2-023, received May 26, 2026, 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-ENG3			
N/a	EU-ENG3: Emergency Backup Engine; maximum displacement: 1.483 liters/cylinder; 6 cylinder; 240 HP; 1.95 MMBtu/hr; permitted fuel type: natural gas; model year: 2022-2024; installed May 2025	40 CFR Part 60, Subpart A; Title 129, Chapter 12, Section <u>001.01</u> *; Title 129, Chapter 12, Section <u>001.01</u>	40 CFR Part 63, NESHAP Subpart A; Title 129, Chapter 13, Section <u>002.01</u> *; Title 129, Chapter 13, Section <u>002.01</u>
		40 CFR Part 60, NSPS Subpart JJJJ; Title 129, Chapter 12, Section <u>001.81</u> *; Title 129, Chapter 12, Section <u>001.82</u>	40 CFR Part 63, NESHAP Subpart ZZZZ; Title 129, Chapter 13, Section <u>002.78</u> *; Title 129, Chapter 13, Section <u>002.79</u>

- (b) The NESHAP for Stationary Reciprocating Internal Combustion Engines, Subpart ZZZZ, is applicable to the emergency engine, EU-ENG3 [Title 129, Chapter 13, Section 002.78*; Title 129, Chapter 13, Section 002.79]. Per §63.6590(c), the applicable requirements of Subpart ZZZZ are met through compliance with the applicable requirements of NSPS Subpart JJJJ.

(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 Points ID#: EP-ENG3				
VOC	1.0 g/hp-hr (each emission point)	Three 1-hour test runs or test method average	40 CFR 60.4233(e) Table 1 to NSPS Subpart JJJ; Title 129, Chapter 12, Section <u>001.81</u> *; Title 129, Chapter 12, Section <u>001.82</u>	No ^[1]
CO	4.0 g/hp-hr (each emission point)	Three 1-hour test runs or test method average		No ^[1]
NO _x	2.0 g/hp-hr (each emission point)	Three 1-hour test runs or test method average		No ^[1]
Opacity	20 Percent ^[2] (each emission point)	6-minutes	Title 129, Chapter 15, Section <u>001.04</u> *; Title 129, Chapter 15, Section <u>001.04</u>	No

^[1] EU-ENG3 is 240 hp. Emission limits are from NSPS Subpart JJJJ (§60.4233(e) → NSPS Subpart JJJ Table 1). Because of the size and model year of EU-ENG3, the emission limits are for rated power category HP ≥ 130 for model year 1/1/2009 +. Compliance with NSPS Subpart JJJJ limits are demonstrated based on manufacturer's certification, and proper operation and maintenance of engine in accordance with manufacturer's instructions. Compliance demonstrated by documentation of operation and maintenance of engine in accordance with Condition II.

^[2] Compliance with Condition III.(B)(3)(a) demonstrates compliance with this opacity limit.

(b) The source shall comply with all applicable emission limitations and testing requirements in NSPS Subpart JJJJ and NESHAP Subparts A and ZZZZ for emission units EU-ENG3 [40 CFR 60 and 63; Subparts A, JJJJ, and ZZZZ; (Title 129, Chapter 12, Section 001.81 and Chapter 13, Section 002.78)*; Title 129, Chapter 12, Section 001.82 and Chapter 13, Section 002.79].

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

(ii) The source is subject to the applicable testing requirements of 40 CFR 60.4244.

(3) Operational and Monitoring Requirements:

(a) The emergency engine (EU-ENG3) shall only combust natural gas [(Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13)*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13].

(b) The emergency engine (EU-ENG3) listed in Condition III.(B)(1) shall be limited to 500 operating hours per any period of twelve (12) consecutive calendar months [(Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13)*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13].

(i) The emergency engine (EU-ENG3) listed in Condition III.(B)(1) shall be equipped with a non-resettable hour meter to record the operating hours [(Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13)*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13].

1. 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.

- (c) Non-emergency operation of the emergency engine (EU-ENG3) shall not exceed 100 hours per any period of twelve (12) consecutive calendar months [(Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13)*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13].
 - (i) Non-emergency operation of the emergency engine listed in Condition III.(B)(1) shall be limited to between the hours of 11:00 AM and 4:00 PM CDT/CST [(Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13)*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13].
 - (d) The emergency engine (EU-ENG3) 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].
 - (e) The source shall comply with all applicable operational and monitoring requirements in NSPS Subpart JJJJ and NESHAP Subparts A and ZZZZ for emission unit EU-ENG3 [40 CFR 60 and 63; Subparts A, JJJJ, and ZZZZ; (Title 129, Chapter 12, Section 001.81 and Chapter 13, Section 002.78)*; Title 129, Chapter 12, Section 001.82 and Chapter 13, Section 002.79].
 - (i) The source is subject to the operational and monitoring requirements of 40 CFR §60.4235 through §60.4237
- (4) Recordkeeping and Reporting Requirements:
- (a) The source shall maintain records of the hours and time of operation for the emergency engine (EU-ENG3) for each calendar month and for each period of twelve (12) consecutive calendar months [(Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13)*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13].
 - (i) The source shall maintain records of the hours and time of operation for the emergency engine (EU-ENG3) for each calendar month and for each period of twelve (12) consecutive calendar months separately from non-emergency operations.
 - (b) The source shall maintain operation and maintenance records for the emergency engine (EU-ENG3) and shall include the following: [(Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13)*; Title 129, Chapter 6, Sections 003.03, 003.11, and 003.13].
 - (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.
 - (c) The source shall comply with all applicable recordkeeping and reporting requirements in NSPS Subpart JJJJ and NESHAP Subparts A and ZZZZ for emission unit EU-ENG3 [40 CFR 60 and 63; Subparts A, JJJJ, and ZZZZ; (Title 129, Chapter 12, Section 001.81 and Chapter 13, Section 002.78)*; Title 129, Chapter 12, Section 001.82 and Chapter 13, Section 002.79].

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

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS

(C) Specific Conditions for Rendering 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, OP26S2-023, received May 26, 2026, and construction permit, CP25-039, issued July 2, 2026, 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-PBS3			
CE-VS2: Venturi Scrubber 2, CE-PBS2: Packed Bed Scrubber 2, and CE-PBS3: Packed Bed Scrubber 3; installed May 2025	EU-COOKER: Cooker with Two Pressors; maximum capacity: 21,820 lb/hr; installed: May 2025	None	None
	EU-CENTRIFUGE: Centrifuge; maximum capacity: 21,820 lb/hr; installed: May 2025		
	EU-SCREW1: Screw Press 1; maximum capacity: 21,820 lb/hr; installed: May 2025		
	EU-SCREW2: Screw Press 2; maximum capacity: 21,820 lb/hr; installed: May 2025		
	EU-FATTANK: Fat Work Tank; maximum capacity: 21,820 lb/hr; installed: May 2025		
	EU-SCREEN: SWECO Fat Screen; maximum capacity: 21,820 lb/hr; installed: May 2025		
	EU-CONVEYOR2: Crax Transfer Conveyor 2; maximum capacity: 21,820 lb/hr; installed: May 2025		
	EU-DRAINER: Drainer/Overpress Screw Conveyor; maximum capacity: 21,820 lb/hr; installed: May 2025		
	EU-HEATEX: Shell and Tube Heat Exchanger; maximum capacity: 21,820 lb/hr; installed: May 2025		

Control Equipment ID# and Description	Emission Unit Description	Applicable NSPS Requirements	Applicable NESHAP Requirements
Emission Point ID#: EP-PBS3			
CE-CYCLONE: Cyclone, CE-VS3: Venturi Scrubber 3, and CE-PBS3: Packed Bed Scrubber 3; installed May 2025	EU-ROTSRN: Rotex Screen; maximum capacity: 21,820 lb/hr; installed: May 2025	None	None
	EU-MILL: Hammermill; maximum capacity: 21,820 lb/hr; installed: May 2025		
	EU-CONVEYOR1: Crax Transfer Conveyor; maximum capacity: 21,820 lb/hr; installed: May 2025		
	EU-BIN: Surge Bin; maximum capacity: 21,820 lb/hr; installed: May 2025		

(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-PBS3				
Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
PM (Filterable)	1.14 lb/hr	Three 1-hour test runs or test method average	Construction Permit CP25-039, Condition III.(C)(2)(a), issued July 2, 2026	Yes ^{[2],[3]}
SO _x	0.13 lb/hr	Three 1-hour test runs or test method average		Yes ^{[2],[3]}
VOC	2.63 lb/hr (combined limit with EP-PBS4) ^[1]	Three 1-hour test runs or test method average		Yes ^{[2],[3]}
Total HAP	1.42 lb/hr (combined limit with EP-PBS4) ^[1]	Three 1-hour test runs or test method average		Yes ^{[2],[3]}
Opacity	< 20 Percent ^[4]	6 Minutes	Title 129, Chapter 15, Section <u>001.04</u> *; Title 129, Chapter 15, Section <u>001.04</u>	No

^[1] EP-PBS3 and EP-PBS4 have a combined VOC limitation of 2.63 lb/hr and Total HAP limitation of 1.42 lb/hr as prescribed in Condition IV.

^[2] Initial performance testing scheduled for August 2026.

^[3] Performance testing shall be conducted in accordance with Condition III.(C)(2)(b) for PM (Filterable), SO_x, VOC, and Total HAP

^[4] Compliance with Condition III.(C)(3)(f) demonstrates compliance with Opacity limitations.

- (b) In order to demonstrate compliance with Condition III.(C)(2)(a) and to verify the assumptions used in the permit application, the source shall conduct performance tests for PM (Filterable), SO_x, VOC, and Total HAP on emission point EP-PBS3. The frequency of the testing shall be as follows: [Title 129, Chapter 6, Section 003.03*; Title 129, Chapter 6, Section 003.03]
 - (i) Performance testing for PM (Filterable), SO_x, VOC, and Total HAP shall occur at least once every four (4) years after the most recent valid performance test.
 - (ii) Performance testing for VOC and Total HAP shall be conducted concurrently (testing that is performed during the same testing event, i.e. when a testing company is on site for a specific time frame) for EP-PBS3 and EP-PBS4.
- (3) Operational and Monitoring Requirements:
- (a) All emissions from the emission units identified in Condition III.(C)(1)(a) shall be controlled as follows: [Construction Permit CP25-039, Condition III.(C)(3)(a), issued July 2, 2026].
 - (i) EU-COOKER, EU-CENTRIFUGE, EU-SCREW1, EU-SCREW2, EU-FATTANK, EU-SCREEN, EU-CONVEYOR2, EU-DRAINER, and EU-HEATEX shall be controlled by Venturi Scrubber 2 (CE-VS2)
 - (ii) Venturi Scrubber 2 shall be controlled by Packed Bed Scrubber 2 (CE-PBS2)
 - (iii) EU-ROTSERN, EU-MILL, EU-CONVEYOR1, and EU-BIN shall be controlled by Cyclone (CE-CYCLONE)
 - (iv) Cyclone shall be controlled by Venturi Scrubber 3 (CE-VS3)
 - (v) Packed Bed Scrubber 2 and Venturi Scrubber 3 shall be controlled by Packed Bed Scrubber 3 (CE-PBS3)
 - (b) Operation of the control equipment identified in Condition III.(C)(1)(a) shall be in accordance with the following requirements: [Construction Permit CP25-039, Condition III.(C)(3)(b), issued July 2, 2026]
 - (i) The control equipment identified in Condition III.(C)(1)(a) shall be in operation and controlling emissions at all times when the associated emission units are in operation [Construction Permit CP25-039, Condition III.(C)(3)(b)(i), issued July 2, 2026]
 - (ii) The control equipment identified in Condition III.(C)(1)(a) shall be properly designed, installed, operated, and maintained. The manufacturer's operation and maintenance manual, or its equivalent, detailing proper operation, installation, and maintenance of the control equipment shall be kept on site and be readily available to Department representatives [Construction Permit CP25-039, Condition III.(C)(3)(b)(ii), issued July 2, 2026].
 - (iii) Operation of the Venturi Scrubber 2 (CE-VS2), Venturi Scrubber 3 (CE-VS3), Packed Bed Scrubber 2 (CE-PBS2), and Packed Bed Scrubber 3 (CE-PBS3) shall be in accordance with the following requirements: [Construction Permit CP25-039, Condition III.(C)(3)(b)(iii), issued July 2, 2026].
 - 1. In the event that the owner or operator utilizes scrubber liquid recirculation, compliance testing shall be required to determine an appropriate scrubber liquid temperature and percent recirculation limit [Construction Permit CP25-039, Condition III.(C)(3)(b)(iii)1., issued July 2, 2026].

2. The scrubbers shall be equipped with devices capable of continuously monitoring operating parameters, including, at a minimum, the scrubber liquid temperature, scrubber liquid flow rate, chemical addition flow rate, scrubber pressure differential, and scrubber liquid recirculation rate, if applicable [Construction Permit CP25-039, Condition III.(C)(3)(b)(iii)2., issued July 2, 2026].
 - a. The scrubber liquid flow rate and scrubber liquid temperature shall be recorded continuously [Construction Permit CP25-039, Condition III.(C)(3)(b)(iii)2.a., issued July 2, 2026].
 - b. When chemical is added to the scrubbing liquid, the flow rate of the chemical being added shall be recorded continuously [Construction Permit CP25-039, Condition III.(C)(3)(b)(iii)2.b., issued July 2, 2026].
 - c. All operating parameter readings shall be recorded at least once each day the associated control equipment is in operation [Construction Permit CP25-039, Condition III.(C)(3)(b)(iii)2.c., issued July 2, 2026].
 - d. Each monitoring device shall be properly installed, operated, calibrated, and maintained. The manufacturer's operation and maintenance manual, or its equivalent, detailing proper installation, operation, calibration, and maintenance of each monitoring device shall be kept on site and be readily available to Department representatives [Construction Permit CP25-039, Condition III.(C)(3)(b)(iii)2.d., issued July 2, 2026].
3. The scrubber operating parameters shall be maintained as described below: [Construction Permit CP25-039, Condition III.(C)(3)(b)(iii)3., issued July 2, 2026].
 - a. The scrubber liquid flow rate shall be maintained at or above the tested level(s) recorded under normal operating conditions during the most recent valid performance test. Corrective action shall be taken immediately if the scrubbing liquid flow rate is below the accepted minimum [Construction Permit CP25-039, Condition III.(C)(3)(b)(iii)3.a., issued July 2, 2026].
 - b. The scrubber liquid temperature shall be maintained at or below the tested level(s) recorded under normal operating conditions during the most recent valid performance test. Corrective action shall be taken immediately if the scrubber water temperature is observed above the accepted maximum [Construction Permit CP25-039, Condition III.(C)(3)(b)(iii)3.b., issued July 2, 2026].
 - c. The scrubber pressure differential shall be maintained within a range that is representative of the scrubber pressure differential recorded under normal operating conditions during the most recent valid performance test. Corrective action shall be taken immediately if the scrubber pressure differential is not within the representative operating range [Construction Permit CP25-039, Condition III.(C)(3)(b)(iii)3.c., issued July 2, 2026].
- (c) Rendering operations throughput (measured as weight of product dried) shall not exceed 95,571.60 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 throughput of the rendering operations exceed 95,571.60 tons [Construction Permit CP25-039, Condition III.(C)(3)(c), issued July 2, 2026].

- (d) Observations shall be conducted during daylight hours at least once each day of operation of the Cyclone (CE-CYCLONE), Venturi Scrubber 2 (CE-VS2), Venturi Scrubber 3 (CE-VS3), Packed Bed Scrubber 2 (CE-PBS2), and Packed Bed Scrubber 3 (CE-PBS3) to determine if there are leaks, noise, or other indications that corrective action is needed. If corrective action is necessary, it shall occur immediately [Construction Permit CP25-039, Condition III.(C)(3)(d), issued July 2, 2026].
 - (e) Collected solid waste material from the cyclones shall be handled, transported, and stored in a manner that ensures compliance with Condition I.(L) [(Title 129, Chapter 6, Section 003.11)*; Title 129, Chapter 6, Section 003.11].
 - (f) A source representative shall conduct visible emissions surveys for emission point, EP-PBS3, 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, Section 003.03; Chapter 15, Section 001.04)*; Title 129, Chapter 6, Section 003.03; 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 maintain records that document the operating parameter data for the Venturi Scrubber 2 (CE-VS2), Venturi Scrubber 3 (CE-VS3), Packed Bed Scrubber 2 (CE-PBS2), and Packed Bed Scrubber 3 (CE-PBS3), including the date and time of readings. The records shall include: [Construction Permit CP25-039, Conditions III.(C)(5)(a) and III.(C)(5)(a)(i) through III.(C)(5)(a)(v), issued July 2, 2026].
 - (i) Scrubber liquid flow rate;
 - (ii) Scrubber liquid temperature readings;
 - (iii) Chemical addition flow rate;
 - (iv) Scrubber pressure differential readings; and
 - (v) Scrubber liquid recirculation rate, if applicable.
 - (b) The source shall maintain records that document the amount, concentration, and type of chemical injected into the water supplied to the control equipment identified in Condition III.(C)(1)(a) for each month and each period of twelve (12) calendar months [Construction Permit CP25-039, Condition III.(C)(5)(b), issued July 2, 2026].
 - (c) The source shall maintain records that document the purchase date, concentration, amount, and type of chemical purchased for chemical injection associated with the control equipment identified in Condition III.(C)(1)(a) [Construction Permit CP25-039, Condition III.(C)(5)(c), issued July 2, 2026].
 - (d) The source shall maintain records that documents the operating parameters obtained from the most recent valid performance test conducted for the control equipment identified in Condition III.(C)(1)(a) [Construction Permit CP25-039, Condition III.(C)(5)(d), issued July 2, 2026].
 - (e) The source shall maintain records of the amount of dried meat and bone meal from rendering operations to demonstrate compliance with Condition III.(C)(3)(c) [Construction Permit CP25-039, Condition III.(C)(5)(e), issued July 2, 2026].

- (f) The source shall maintain records documenting the date and time routine observations were conducted on the control equipment identified in Condition III.(C)(1)(a), with a description, including operating parameters, atypical parameters observed, and any corrective actions taken, for each day the control equipment are in operation [Construction Permit CP25-039, Condition III.(C)(5)(f), issued July 2, 2026].
- (g) The source shall maintain records documenting when routine maintenance and preventive actions were performed, with a description of the maintenance and/or preventive action performed [Construction Permit CP25-039, Condition III.(C)(5)(g), issued July 2, 2026].
- (h) 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 point included in the survey.
 - (ii) The emission point from which visible emissions occurred (except for water vapor).
 - (iii) The emission point 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

(D) Specific Conditions for Blood Drying

(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, OP26S2-023, received May 26, 2026, and construction permit, CP25-039, issued July 2, 2026, 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-PBS4			
CE-VS1: Venturi Scrubber 1, CE-PBS1: Packed Bed Scrubber 1, and CE-PBS4: Packed Bed Scrubber 4	EU-DRYER: Blood Dryer; permitted fuel type: natural gas; maximum capacity: 7.0 MMBtu/hr; installed May 2025	None	None
	EU-CENTRIFUGE: Centrifuge; maximum capacity: 14,000 lb/hr; installed May 2025		
	EU-COAG: Blood Coagulator; maximum capacity: 14,000 lb/hr; installed May 2025		
	EU-BLDTANK: Raw Blood Tank; maximum capacity: 14,000 lb/hr; installed May 2025		

(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-PBS4				
Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
PM (Filterable)	1.08 lb/hr	Three 1-hour test runs or test method average	Construction Permit CP25-039, Condition III.(D)(2)(a), issued July 2, 2026	Yes ^{[2],[3]}
VOC	2.63 lb/hr (combined limit with EP-PBS3) ^[1]	Three 1-hour test runs or test method average		Yes ^{[2],[3]}
Total HAP	1.42 lb/hr (combined limit with EP-PBS3) ^[1]	Three 1-hour test runs or test method average		Yes ^{[2],[3]}

Emission Point ID#: EP-PBS4				
Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
Opacity	< 20 Percent ^[4]	6 Minutes	Title 129, Chapter 15, Section <u>001.04</u> *; Title 129, Chapter 15, Section <u>001.04</u>	No

^[1] EP-PBS3 and EP-PBS4 have a combined VOC limitation of 2.63 lb/hr and Total HAP limitation of 1.42 lb/hr as prescribed in Condition IV.

^[2] Initial performance testing scheduled for August 2026.

^[3] Performance testing shall be conducted in accordance with Condition III.(D)(2)(b) for PM (Filterable), VOC, and Total HAP

^[4] Compliance with Condition III.(D)(3)(g) demonstrates compliance with Opacity limitations.

(b) In order to demonstrate compliance with Condition III.(D)(2)(a) and to verify the assumptions used in the permit application, the source shall conduct performance tests for PM (Filterable), VOC, and Total HAP on emission point EP-PBS4. The frequency of the testing shall be as follows: [Title 129, Chapter 6, Section 003.03]

(i) Performance testing for PM (Filterable), SO_x, VOC and Total HAP shall occur at least once every four (4) years after the most recent valid performance test.

(ii) Performance testing for VOC and Total HAP shall be conducted concurrently (testing that is performed during the same testing event, i.e. when a testing company is on site for a specific time frame) for EP-PBS3 and EP-PBS4.

(3) Operational and Monitoring Requirements:

(a) The blood dryer (EU-DRYER) shall only combust natural gas [Construction Permit CP25-039, Condition III.(D)(1)(a), issued July 2, 2026].

(b) All emissions from the emission units identified in Condition III.(D)(1)(a) shall be controlled as follows: EU-DRYER, EU-CENTRIFUGE, EU-COAG, and EU-BLDTANK shall be controlled by Venturi Scrubber 1 (CE-VS1); Venturi Scrubber 1 shall be controlled by Packed Bed Scrubber 1 (CE-PBS1); and Packed Bed Scrubber 1 shall be controlled by Packed Bed Scrubber 4 (CE-PBS4) [Construction Permit CP25-039, Condition III.(D)(3)(a), issued July 2, 2026].

(c) Operation of the control equipment identified in Condition III.(D)(1)(a) shall be in accordance with the following requirements: [Construction Permit CP25-039, Condition III.(D)(3)(b), issued July 2, 2026]

(i) The control equipment identified in Condition III.(D)(1)(a) shall be in operation and controlling emissions at all time when the associated emission units are in operation [Construction Permit CP25-039, Condition III.(D)(3)(b)(i), issued July 2, 2026].

(ii) The control equipment identified in Condition III.(D)(1)(a) shall be properly designed, installed, operated, and maintained. The manufacturer's operation and maintenance manual, or its equivalent, detailing proper operation, installation, and maintenance of the control equipment shall be kept on site and be readily available to Department representatives [Construction Permit CP25-039, Condition III.(D)(3)(b)(ii), issued July 2, 2026].

(iii) In the event that the owner or operator utilizes scrubber liquid recirculation, compliance testing shall be required to determine an appropriate scrubber liquid

temperature and percent recirculation limit [Construction Permit CP25-039, Condition III.(D)(3)(b)(iii), issued July 2, 2026].

- (iv) The control equipment identified in Condition III.(D)(1)(a) shall be equipped with devices capable of continuously monitoring operating parameters, including, at a minimum, the scrubber liquid temperature, scrubber liquid flow rate, chemical addition flow rate, scrubber pressure differential, and scrubber liquid recirculation rate, if applicable [Construction Permit CP25-039, Condition III.(D)(3)(b)(iv), issued July 2, 2026].
 - 1. The scrubber liquid flow rate and scrubber liquid temperature shall be recorded continuously [Construction Permit CP25-039, Condition III.(D)(3)(b)(iv)1., issued July 2, 2026].
 - 2. When chemical is added to the scrubbing liquid, the flow rate of the chemical being added shall be recorded continuously [Construction Permit CP25-039, Condition III.(D)(3)(b)(iv)2., issued July 2, 2026].
 - 3. All other operating parameter readings shall be recorded at least once each day the associated control equipment is in operation [Construction Permit CP25-039, Condition III.(D)(3)(b)(iv)3., issued July 2, 2026].
 - 4. Each monitoring device shall be properly installed, operated, calibrated, and maintained. The manufacturer's operation and maintenance manual, or its equivalent, detailing proper installation, operation, calibration, and maintenance of each monitoring device shall be kept on site and be readily available to Department representatives [Construction Permit CP25-039, Condition III.(D)(3)(b)(iv)4., issued July 2, 2026].
- (v) The operating parameters for the control equipment identified in Condition III.(D)(1)(a) shall be maintained as described below: [Construction Permit CP25-039, Condition III.(D)(3)(b)(v), issued July 2, 2026]
 - 1. The scrubber liquid flow rate shall be maintained at or above the tested level(s) recorded under normal operating conditions during the most recent valid performance test. Corrective action shall be taken immediately if the scrubbing liquid flow rate is below the accepted minimum [Construction Permit CP25-039, Condition III.(D)(3)(b)(v)1., issued July 2, 2026]
 - 2. The scrubber water temperature shall be maintained at or below the tested level(s) recorded under normal operating conditions during the most recent valid performance test. Corrective action shall be taken immediately if the scrubber water temperature is observed above the accepted maximum [Construction Permit CP25-039, Condition III.(D)(3)(b)(v)2., issued July 2, 2026].
 - 3. The scrubber pressure differential shall be maintained within a range that is representative of the scrubber pressure differential recorded under normal operating conditions during the most recent valid performance test. Corrective action shall be taken immediately if the scrubber pressure differential is not within the representative operating range [Construction Permit CP25-039, Condition III.(D)(3)(b)(v)3., issued July 2, 2026].
- (d) The Blood Dryer (EU-DRYER) throughput (measured as weight of product dried) shall not exceed 5,168.40 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

throughput of the Blood Dryer exceed 5,168.40 tons [Construction Permit CP25-039, Condition III.(D)(3)(c), issued July 2, 2026].

- (e) Observations shall be conducted during daylight hours at least once each day of operation of the Blood Dryer (EU-DRYER), Venturi Scrubber 1 (CE-VS1), Packed Bed Scrubber 1 (CE-PBS1), and Packed Bed Scrubber 4 (CE-PBS4) to determine if there are leaks, noise, or other indications that corrective action is needed. If corrective action is necessary, it shall occur immediately [Construction Permit CP25-039, Condition III.(D)(3)(d), issued July 2, 2026].
- (f) Collected solid waste material from the cyclones shall be handled, transported, and stored in a manner that ensures compliance with Condition I.(L) [Title 129, Chapter 6, Section 003.11].
- (g) A source representative shall conduct visible emissions surveys for emission point, EP-PBS4, 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, Section 003.03; 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) Records that document the operating parameter data for the control equipment identified in Condition III.(D)(1)(a), including the date and time of readings. The records shall include: [Construction Permit CP25-039, Conditions III.(D)(5)(a) and III.(D)(5)(a)(i) through III.(D)(5)(a)(v), issued July 2, 2026].
 - (i) Scrubber liquid flow rate;
 - (ii) Scrubber liquid temperature readings;
 - (iii) Chemical addition flow rate;
 - (iv) Scrubber pressure differential readings; and
 - (v) Scrubber liquid recirculation rate, if applicable.
- (b) Records that document the amount, concentration, and type of chemical injected into the water supplied to the control equipment identified in Condition III.(D)(1)(a) for each month and for each period of twelve (12) consecutive calendar months [Construction Permit CP25-039, Condition III.(D)(5)(b), issued July 2, 2026].
- (c) Records that document the purchase date, concentration, amount, and type of chemical purchased for chemical injection associated with the control equipment identified in Condition III.(D)(1)(a) [Construction Permit CP25-039, Condition III.(D)(5)(c), issued July 2, 2026].
- (d) Records that document the operating parameters obtained from the most recent valid performance test conducted for the control equipment identified in Condition III.(D)(1)(a) [Construction Permit CP25-039, Condition III.(D)(5)(d), issued July 2, 2026].
- (e) Records of the amount of dried blood meal, measured as the weight of product dried, from the blood dryer (EU-DRYER) to demonstrate compliance with Condition III.(D)(3)(d) [Construction Permit CP25-039, Condition III.(D)(5)(e), issued July 2, 2026].

- (f) Records documenting the date and time of routine observations conducted on the control equipment identified in Condition III.(D)(1)(a), with a description, including operating parameters, atypical parameters observed, and any corrective actions taken, for each day the control equipment are in operation [Construction Permit CP25-039, Condition III.(D)(5)(f), issued July 2, 2026].
- (g) Records documenting when routine maintenance and preventative actions were performed, with a description of the maintenance and/or preventative action performed [Construction Permit CP25-039, Condition III.(D)(5)(g), issued July 2, 2026].
- (h) 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 point included in the survey.
 - (ii) The emission point from which visible emissions occurred (except for water vapor).
 - (iii) The emission point 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 Evaporators

(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, OP26S2-023, received May 26, 2026, and construction permit, CP23-028, issued October 30, 2023, 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-EVAP1			
N/a	EU-EVAP1: Condensing Evaporator 1; maximum capacity: 1,600 gallons per minute (gpm); installed May 2025	None	None
Emission Point ID#: EP-EVAP2			
N/a	EU-EVAP2: Condensing Evaporator 2; maximum capacity: 1,600 gpm; installed May 2025	None	None
Emission Point ID#: EP-EVAP3			
N/a	EU-EVAP3: Condensing Evaporator 3; maximum capacity: 1,600 gpm; installed May 2025	None	None
Emission Point ID#: EP-EVAP4			
N/a	EU-EVAP4: Condensing Evaporator 4; maximum capacity: 1,600 gpm; installed May 2025	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-EVAP1, EP-EVAP2, EP-EVAP3, EP-EVAP4				
Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
HAP	0.08 tpy (combined)	Twelve (12) consecutive calendar months	Construction Permit CP23-028, Condition	No ^[1]

Emission Point ID#: EP-EVAP1, EP-EVAP2, EP-EVAP3, EP-EVAP4				
Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
VOC	1.90 tpy (combined)	Twelve (12) consecutive calendar months	III.(E)(2)(a), issued October 30, 2023	No ^[2]

^[1] Compliance with Condition III.(E)(3)(b) demonstrates compliance with HAP limitations.

^[2] Compliance with Condition III.(E)(3)(a) demonstrates compliance with VOC limitations.

(3) Operational and Monitoring Requirements:

- (a) Emissions of VOC due to the use of biocide and/or antiscalant additives in the evaporators shall be calculated each calendar month using the following equation: [Construction Permit CP23-028, Condition III.(E)(3)(a), issued October 30, 2023]

$$E = \sum_{k=1}^n \frac{v_k \rho_k}{2,000}$$

Where:

E = Total emissions (tons/month) of all VOCs in products used in the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) each calendar month;

n = Total number of VOC-containing products used in the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) each calendar month;

v_k = Volume (gallons) of each VOC-containing product “ k ” used in the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) each calendar month; and

ρ_k = Density (pounds/gallon) of each VOC-containing product “ k ” used in the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) each calendar month.

- (b) Combined HAP emissions due to the use of antiscalant additive in the evaporators shall be calculated each calendar month using the following equations: [Construction Permit CP23-028, Condition III.(E)(3)(b), issued October 30, 2023]

$$E_i = \sum_{j=1}^n v_j \rho_{ji}$$

and

$$E_T = \sum_{i=1}^m \frac{E_i}{2,000}$$

Where:

E_i = Total emissions (tons/month) of each individual HAP, “ i ”, from “ n ” products used in the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) each calendar month;

- n = Total number of HAP-containing products used in the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) each calendar month;
- v_j = Volumes (gallons) of each HAP-containing product “ j ” used in the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) each calendar month;
- ρ_{ji} = Density (pounds/gallon) of each individual HAP “ i ” of each HAP-containing product “ j ” used in the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) each calendar month;
- m = Total number of individual HAPs contained in the products used in the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) each calendar month; and
- E_T = Total emissions (tons/month) of all combined HAPs used in the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) each calendar month.

- (c) The biocide additive shall not contain any HAP components [Construction Permit CP23-028, Condition III.(E)(3)(c), issued October 30, 2023].
- (d) Observations shall be conducted during daylight hours at least once each day of operation of the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) to determine if there are leaks, noise, or other indications that corrective action is needed. If corrective action is necessary, it shall occur immediately [Construction Permit CP23-028, Condition III.(E)(3)(d), issued October 30, 2023].

(4) Recordkeeping and Reporting Requirements:

- (a) The source shall maintain records of the volumes, in gallons, of biocide and antiscalant additives utilized in the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) for each calendar month and for each period of twelve (12) consecutive calendar months [Construction Permit CP23-028, Condition III.(E)(5)(a), issued October 30, 2023].
- (b) The source shall maintain records of calculations of VOC and HAP emissions for each month and for each period of twelve (12) consecutive calendar months [Construction Permit CP23-028, Condition III.(E)(5)(b), issued October 30, 2023].
- (c) The source shall maintain records of Safety Data Sheets (SDSs) indicating the composition of total HAPs and VOC in the biocide and antiscalant additives [Construction Permit CP23-028, Condition III.(E)(5)(c), issued October 30, 2023].
- (d) The source shall maintain records documenting the time, date, observations, and corrective actions taken for each day the evaporators (EU-EVAP1, EU-EVAP2, EU-EVAP3, and EU-EVAP4) are in operation [Construction Permit CP23-028, Condition III.(E)(5)(d), issued October 30, 2023].

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS

(F) Specific Conditions for Dried Blood Hammermill, Product Storage, and Shipping

(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, OP26S2-023, received May 26, 2026, and construction permit, CP25-039, issued July 2, 2026, 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-MBMSHIP				
N/a	EU-MBMSHIP1: Meat and Bone Shipping Spout 1; installed May 2025	Maximum capacity: 21,820 lb/hr	None	None
	EU-MBMSHIP2_3: Meat and Bone Shipping Spouts 2 and 3; installed May 2025			
	EU-MBMBIN1: Meat and Bone Storage Bin 1; installed May 2025			
	EU-MBMBIN2_3: Meat and Bone Storage Bins 2 and 3; installed May 2025			
Emission Point ID#: EP-BLDSHIP				
N/a	EU-BLDSHIP: Dried Blood Shipping Spout; installed May 2025	Maximum capacity: 1,180 lb/hr	None	None
CE-BLDCYC: Cyclone; installed May 2025	EU-BLDBIN: Dried Blood Storage Bin; installed May 2025			
Emission Point ID#: EP-BLDFLTR				
CE-BLDFLTR: Baghouse; installed May 2025	EU-BLDMILL: Dried Blood Hammermill/Cyclone System; installed May 2025	Maximum capacity: 14,000 lb/hr	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-MBMSHIP				
Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
PM (Filterable)	1.21 lb/hr	Three 1-hour test runs or test method average	Construction Permit CP25-039, Condition III.(F)(2)(a), issued July 2, 2026	No ^[1]
Opacity	< 20 Percent ^[2]	6 Minutes	Title 129, Chapter 15, Section <u>001.04</u> *; Title 129, Chapter 15, Section <u>001.04</u>	No
Emission Point ID#: EP-BLDSHIP				
PM (Filterable)	0.03 lb/hr	Three 1-hour test runs or test method average	Construction Permit CP25-039, Condition III.(F)(2)(a), issued July 2, 2026	No ^[1]
Opacity	< 20 Percent ^[2]	6 Minutes	Title 129, Chapter 15, Section <u>001.04</u> *; Title 129, Chapter 15, Section <u>001.04</u>	No
Emission Point ID#: EP-BLDLFLTR				
PM (Filterable)	0.08 lb/hr	Three 1-hour test runs or test method average	Construction Permit CP25-039, Condition III.(F)(2)(a), issued July 2, 2026	No ^[1]
Opacity	< 20 Percent ^[2]	6 Minutes	Title 129, Chapter 15, Section <u>001.04</u> *; Title 129, Chapter 15, Section <u>001.04</u>	No

^[1] Compliance with Condition III.(F)(3) demonstrates compliance with PM (Filterable) limitations.

^[2] Compliance with Condition III.(F)(3)(c) demonstrates compliance with Opacity limitations.

(3) Operational and Monitoring Requirements:

- (a) PM emissions from the dried blood storage bin (EU-BLDBIN) shall be captured and controlled by the cyclone (CE-BLDCYC). PM emissions from the dried blood hammermill/cyclone system (EU-BLDMILL) shall be captured and controlled by the particulate filter (CE-BLDLFLTR) [Construction Permit CP25-039, Condition III.(F)(3)(a), issued July 2, 2026].
- (b) The operations of the cyclone (CE-BLDCYC) and particulate filter (CE-BLDLFLTR) shall be in accordance with the following requirements: [Construction Permit CP25-039, Condition III.(F)(3)(b), issued July 2, 2026; (Title 129, Chapter 6, Sections 003.03 and 003.11)*; Title 129, Chapter 6, Sections 003.03 and 003.11]
- (i) The control equipment shall be in operation and controlling emissions whenever the associated emission units are in operation [Construction Permit CP25-039, Condition III.(F)(3)(b)(i), issued July 2, 2026].

- (ii) The control equipment shall be properly installed, operated, and maintained. The manufacturer's operation and maintenance manual, or its equivalent, detailing proper operation, inspection, and maintenance of the emissions units and control equipment, shall be kept on site and be readily available to Department representatives [Construction Permit CP25-039, Condition III.(F)(3)(b)(ii), issued July 2, 2026].
- (iii) Routine observations shall be conducted at least once each day of control equipment operation to determine if there are leaks, noise, or other indications that corrective action is needed. If corrective action is necessary, it shall occur immediately [Construction Permit CP25-039, Condition III.(F)(3)(b)(iii), issued July 2, 2026].
- (iv) Collected waste material from the control equipment shall be handled, transported, and stored in a manner that ensures compliance with Condition I.(L)(1) [Construction Permit CP25-039, Condition III.(F)(3)(b)(iv), issued July 2, 2026].
- (v) The baghouse fabric filter (CE-BLDFLTR) shall be inspected and replaced in accordance with the operation and maintenance manual or more frequently, as indicated by pressure differential indicator readings or other indication of filter failure, to ensure proper operation [(Title 129, Chapter 6, Sections 003.03 and 003.11)*; Title 129, Chapter 6, Sections 003.03 and 003.11].
- (c) A source representative shall conduct visible emissions surveys for each emission point (EP-MBMSHIP, EP-BLDSHIP, EP-BLDFLTR) 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, Section 003.03; Chapter 15, Section 001.04)*; Title 129, Chapter 6, Section 003.03; 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 maintain manufacturer's emission reduction guarantees shall be kept on site and readily available to Department representatives, upon request, for the life of the cyclone (CE-BLDCYC) and particulate filter (CE-BLDFLTR) [Construction Permit CP25-039, Condition III.(F)(5)(a), issued July 2, 2026; (Title 129, Chapter 15, Sections 001.01 and 001.04)*; Title 129, Chapter 15, Sections 001.01 and 001.04].
 - (b) The source shall maintain inspection and maintenance records for the particulate filter (CE-BLDFLTR) to demonstrate compliance with Condition III.(F)(3)(b) shall include the following: [Construction Permit CP25-039, Condition III.(F)(5)(b), issued July 2, 2026]
 - (i) The source shall maintain records documenting when routine observations were performed with a description, and any atypical observations [Construction Permit CP25-039, Condition III.(F)(5)(b)(i), issued July 2, 2026].
 - (ii) The source shall maintain records documenting when routine maintenance and preventative actions were performed with a description of the maintenance and/or preventative action conducted [Construction Permit CP25-039, Condition III.(F)(5)(b)(ii), issued July 2, 2026].
 - (iii) The source shall maintain filter replacement records including filter position, type, and date of filter installation [Construction Permit CP25-039, Condition III.(F)(5)(b)(iii), issued July 2, 2026].

- (iv) The source shall maintain records documenting equipment failures, malfunctions, or other variations, including time of occurrence, remedial action taken, and when corrections were made [Construction Permit CP25-039, Condition III.(F)(5)(b)(iv), issued July 2, 2026].
- (v) The source shall maintain records documenting the date, time, and continuous pressure differential readings for each day the associated baghouse is in operation. [(Title 129, Chapter 15, Sections 001.01 and 001.04)*; Title 129, Chapter 15, Sections 001.01 and 001.04].
- (c) The source shall maintain inspection and maintenance records for the cyclone (CE-BLDCYC) to demonstrate compliance with Condition III.(F)(3)(b) shall include the following: [Construction Permit CP25-039, Condition III.(F)(5)(c), issued July 2, 2026]
 - (i) The source shall maintain records documenting when routine observations were performed with a description, and any atypical observations [Construction Permit CP25-039, Condition III.(F)(5)(c)(i), issued July 2, 2026].
 - (ii) The source shall maintain records documenting when routine maintenance and preventative actions were performed with a description of the maintenance and/or preventative action conducted [Construction Permit CP25-039, Condition III.(F)(5)(c)(ii), issued July 2, 2026].
 - (iii) The source shall maintain records documenting equipment failures, malfunctions, or other variations, including time of occurrence, remedial action taken, and when corrections were made [Construction Permit CP25-039, Condition III.(F)(5)(c)(iii), issued July 2, 2026].
- (d) 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

(G) Specific Conditions for Sanitation

(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, OP26S2-023, received May 26, 2026, and construction permit, CP25-039, issued July 2, 2026, including any supporting information received prior to issuance of this permit:

Emission Point ID#: EP-CHEM			
Control Equipment ID# and Description	Emission Unit Description	Applicable NSPS Requirements	Applicable NESHAP Requirements
N/a	EU-CHEM: Anti-Bacterial Processing Agent Chemicals of Cleaning Solution/Disinfectant Solution	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-CHEM				
Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
VOC	14,229 gallons of twenty (20%) percent or less concentration of acetic acid and/or peroxyacetic acid per any twelve (12) consecutive calendar months	Any twelve (12) consecutive calendar months	Title 129, Chapter 6, Section <u>003.13</u> *; Title 129, Chapter 6, Section <u>003.13</u>	No ^[1]

^[1] Compliance with Condition III.(G)(3)(a) demonstrates compliance with VOC limitations.

(3) Operational and Monitoring Requirements:

- (a) The volume of acetic acid and/or peroxyacetic acid shall be limited to twenty (20%) percent or less concentration of acetic acid and/or peroxyacetic acid purchased for EU-CHEM and shall not exceed 14,229 gallons per any period of twelve (12) consecutive calendar months [(Title 129, Chapter 6, Sections 003.03 and 003.11)*; Title 129, Chapter 6, Sections 003.03 and 003.11].
- (i) The concentration (twenty (20%) percent or less) of acetic acid and/or peroxyacetic

acid for the acetic acid and/or peroxyacetic acid product shall be obtained from the manufacturer's and/or supplier's reference material such as Safety Data Sheets (SDS). If the data obtained gives a range for peroxyacetic acid and/or acetic acid concentration, the maximum value from the range shall be used when determining peroxyacetic acid and/or acetic acid usage [Construction Permit CP25-039, Condition III.(G)(3)(a)(ii), issued July 2, 2026; (Title 129, Chapter 6, Section 003.03)*; Title 129, Chapter 6, Section 003.03].

(4) Recordkeeping and Reporting Requirements:

- (a) The source shall maintain purchase records for all acetic acid and/or peroxyacetic acid amount (not to exceed 14,229 gallons for any twelve (12) consecutive calendar months) and concentration limited to twenty (20%) percent or less, purchased for use in EU-CHEM, including the following: [(Title 129, Chapter 6, Section 003.03)*; Title 129, Chapter 6, Section 003.03]
 - (i) The purchase date of the acetic acid and/or peroxyacetic acid purchased for use in EU-CHEM
 - (ii) The acetic acid and/or peroxyacetic acid concentration (containing twenty (20%) percent or less) purchased for use in EU-CHEM.
 - (iii) The type of acetic acid and/or peroxyacetic acid purchased for use in EU-CHEM.
 - (iv) The amount of acetic acid and/or peroxyacetic acid purchased for use in EU-CHEM.
- (b) The source shall maintain reference material, such as Safety Data Sheets, documenting the acetic acid and/or peroxyacetic acid concentration (twenty (20%) percent or less) of each acetic acid and/or peroxyacetic acid product used in EU-CHEM [Construction Permit CP25-039, Condition III.(G)(5)(a)(ii), issued July 2, 2026; (Title 129, Chapter 6, Section 003.03)*; Title 129, Chapter 6, Section 003.03].

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS

(H) 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, OP26S2-023, received May 26, 2026, and construction permit, CP23-028, issued October 30, 2023, 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-ROAD			
N/a	EU-ROAD: Paved Road Truck Traffic	None	None

(2) Emission Limitations and Testing Requirements:

- (a) The requirements specified in Title 129, Chapter 15, Section 001.04 are applicable to the haul roads (EP-ROAD) [Construction Permit CP23-028, Condition III.(H)(2)(a), issued October 30, 2023].

(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: [Construction Permit CP23-028, Conditions III.(H)(1) and III.(H)(3)(a), issued October 30, 2023]
- (i) The owner or operator shall utilize best management practices (BMPs) to control emissions from haul roads to comply with Condition I.(L). The effectiveness of the BMP's to minimize emissions from haul roads will be demonstrated by compliance with Condition I.(L) [Construction Permit CP23-028, Condition III.(H)(3)(a)(i), issued October 30, 2023].
- (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 BMPs shall be taken upon observation of visible fugitive emissions leaving plant property. [Construction Permit CP23-028, Condition III.(H)(3)(b), issued October 30, 2023].

(4) Recordkeeping and Reporting Requirements:

- (a) The source shall maintain records documenting the use of BMP's on haul roads (EP-ROAD), including the date, time, and type of BMP used [Construction Permit CP23-028, Condition III.(H)(5)(a), issued October 30, 2023].
- (b) The source shall maintain records of haul road visible fugitive emissions surveys taken for each day of operation and a description of corrective action taken, if needed [Construction Permit CP23-028, Condition III.(H)(5)(b), issued October 30, 2023].

- (c) A description of the BMPs shall be kept on-site [(Title 129, Chapter 6, Section 003.03)*;
Title 129, Chapter 6, Section 003.03].

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS

(I) Specific Conditions for Miscellaneous Combustion Units

(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, OP26S2-023, received May 26, 2026, 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#: Fab Floor 1			
N/a	EU-Fab Floor 1: Processing Building Makeup Air Unit (MAU); permitted fuel type: natural gas; maximum capacity: 12 MMBtu/hr	None	None
Emission Point ID#: EP-Fab Floor 2			
N/a	EU-Fab Floor 2: Processing Building MAU; permitted fuel type: natural gas; maximum capacity: 12 MMBtu/hr	None	None
Emission Point ID#: Miscellaneous			
N/a	EU-Miscellaneous: Processing Building MAU; permitted fuel type: natural gas; maximum capacity: 10 MMBtu/hr	None	None
Emission Point ID#: EP-Fab Floor 4			
N/a	EU-Fab Floor 4: Processing Building MAU; permitted fuel type: natural gas; maximum capacity: 13 MMBtu/hr	None	None
Emission Point ID#: EP-Fab Floor 5			
N/a	EU-Fab Floor 5: Processing Building MAU; permitted fuel type: natural gas; maximum capacity: 13 MMBtu/hr	None	None

(2) Emission Limitations and Testing Requirements:

- (a) Except for applicable requirements prescribed in Standard Condition I and General Condition II, this condition establishes no additional specific limitations and testing requirements for the emission points or emission units identified in Condition III.(I)(1).

(3) Operational and Monitoring Requirements:

- (a) Emission units, EU-Fab Floor 1, EU-Fab Floor 2, EU-Miscellaneous, EU-Fab Floor 4, and EU-Fab Floor 5, shall combust only natural gas [(Title 129, Chapter 15, Sections 001.02 and 001.04)*; Title 129, Chapter 15, Sections 001.02 and 001.04].

(4) Recordkeeping and Reporting Requirements:

- (a) Except for applicable requirements prescribed in Standard Condition I and General Condition II, this condition establishes no additional specific recordkeeping or reporting requirements for the emission points or emission units identified in Condition III.(I)(1).

IV. SPECIFIC CONDITIONS FOR MULTIPLE AFFECTED EMISSION POINTS:

Condition IV. identifies emission points, emission units, and required control equipment the source must operate, and relevant standards that apply to the source at the time of permit issuance, in accordance with operating permit application #OP26S2-023, received May 26, 2026, including any supporting information received prior to issuance of this permit:

(A) Source-Wide Emissions Limitations

- (1) Combined potential emissions from emission points identified in Condition IV.(A)(2) shall not equal or exceed the following limits in any period of twelve (12) consecutive rolling calendar months: [Construction Permit CP25-039, Conditions III.(C)(2)(a) and III.(D)(2)(a), issued July 2, 2026; (Title 129, Chapter 6, Sections 001.02, 003.01, and 003.13A)*; Title 129, Chapter 6, Sections 001.02, 003.01, and 003.13A]

Emission Point ID#	Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required? (Yes/No)
EP-PBS3 and EP-PBS4	VOC	2.63 lb/hr (combined)	Three 1-hour test runs or test method average	Construction Permit CP25-039, Conditions III.(C)(2)(a) and III.(D)(2)(a), issued July 2, 2026	Yes ^{[1],[2],[3]}
	Total HAP	1.42 lb/hr (combined)			

^[1] Performance testing of the Rendering Packed Bed Scrubber (EP-PBS3) and Blood Drying Packed Bed Scrubber (EP-PBS4) shall be completed concurrently (testing that is performed during the same testing event, i.e. when a testing company is on site for a specific time frame) and in accordance with Conditions I.(M), III.(C)(2)(c)(i) and III.(D)(2)(c)(i).

^[2] Initial performance testing scheduled for August 2026.

^[3] Additional concurrent performance testing requirements in IV.(A)(3).

- (2) Permitted Emission Points: Emission points identified in operating permit application #OP26S2-023, received May 26, 2026 and any other supporting information received prior to issuance of this permit, are listed below:

Emission Point ID#: EP-PBS3	
Control Equipment ID# and Description	Emission Unit Description ^[1]
CE-VS2: Venturi Scrubber 2, CE-PBS2: Packed Bed Scrubber 2, and CE-PBS3: Packed Bed Scrubber 3; installed May 2025	Emission units venting through Rendering Packed Bed Scrubber stack: EU-COOKER, EU-CENTRIFUGE, EU-SCREW1, EU-SCREW2, EU-FATTANK, EU-SCREEN, EU-CONVEYOR2, EU-DRAINER, EU-HEATEX
CE-CYCLONE: Cyclone, CE-VS3: Venturi Scrubber 3, and CE-PBS3: Packed Bed Scrubber 3; installed May 2025	Emission units venting through Rendering Packed Bed Scrubber stack: EU-ROTSRNR, EU-MILL, EU-CONVEYOR1, EU-BIN

Emission Point ID#: EP-PBS4	
CE-VS1: Venturi Scrubber 1, CE-PBS1: Packed Bed Scrubber 1, and CE-PBS4: Packed Bed Scrubber 4	Emission units venting through Blood Drying Packed Bed Scrubber stack: EU-DRYER, EU-CENTRIFUGE, EU-COAG, and EU-BLDTANK

^[1] Performance testing of the Rendering Packed Bed Scrubber (EP-PBS3) and Blood Drying Packed Bed Scrubber (EP-PBS4) shall be completed concurrently (testing that is performed during the same testing event, i.e. when a testing company is on site for a specific time frame) and in accordance with Conditions I.(M), III.(C)(2)(c)(i) and III.(D)(2)(c)(i).

(3) Testing Requirements:

- (a) Compliance with the emissions limitations listed in Condition IV.(A)(1) shall be demonstrated by performing testing of the emission points, EP-PBS3 and EP-PBS4. Performance testing shall be completed concurrently and in accordance with Condition I.(M), III.(C)(2), III.(D)(2), and IV. The frequency of the testing shall be as follows: [Construction Permit CP25-039, Conditions III.(C)(2)(c), III.(C)(2)(c)(i), III.(D)(2)(c), and III.(D)(2)(c)(i), issued July 2, 2026; (Title 129, Chapter 6, Section 003.03; Chapter 15, Section 005.01)*; Title 129, Chapter 6, Section 003.03; Chapter 15, Section 005.01].
 - (i) Performance testing for VOC and Total HAP shall occur at least once every four (4) years after the most recent valid performance test.
 - (ii) Performance testing for VOC and Total HAP shall be conducted concurrently (testing that is performed during the same testing event, i.e. when a testing company is on site for a specific time frame) for EP-PBS3 and EP-PBS4.

(4) Operational and Monitoring Requirements:

- (a) See Specific Conditions III.(C) and III.(D) for operational and monitoring requirements applicable to emission points EP-PBS3 and EP-PBS4.

(5) Recordkeeping and Reporting Requirements:

- (a) See Specific Conditions III.(C) and III.(D) for recordkeeping and reporting requirements applicable to emission points EP-PBS3 and EP-PBS4.

[LAST PAGE OF DOCUMENT]