


PERMIT TO CONSTRUCT / RECONSTRUCT / MODIFY AN AIR CONTAMINANT SOURCE

 Lincoln-Lancaster County Health Department	Lincoln-Lancaster County Health Department Environmental Public Health Division Air Quality Section 3131 O Street Lincoln, Nebraska 68510 Phone: (402) 441-8040 Fax: (402) 441-3890	Kerry Kernen, MPA, MSN, RN Health Director Brock Hanisch, MS, MPH, REHS Environmental Public Health Division Manager Gary R. Bergstrom, Jr. Air Quality Section Supervisor
LLCHD Air Quality Section Facility Identification (FID) Number:		00011
LLCHD Air Quality Section Construction Permit Number:		CP25-205B
Effective Date of Permit:		XX – XX – 2025 <small>MM – DD – YYYY</small>

A Permit to Construct / Reconstruct / Modify an Air Contaminant Source is Hereby Issued to:

Permit Holder Name:	Archer-Daniels-Midland Company (ADM)
Address:	PO Box 1470
City, State, ZIP:	Decatur, Illinois 62526

This Construction / Reconstruction / Modification Permit is Issued to the Following Source:

Facility Site Name:	Archer-Daniels-Midland Company – Oilseed Processing Facility
Facility Address:	7800 Thayer Street
City, County, State, ZIP:	Lincoln, Lancaster County, NE 68507
Facility NAICS:	311224: Soybean and Other Oilseed Processing

Environmental Public Health Division / Air Quality Section Recommendation:

Permit Writer:	<input type="checkbox"/> Approve Issuance <input type="checkbox"/> Deny Issuance	PERMIT WRITER APPROVAL
Air Quality Section Supervisor:	<input type="checkbox"/> Approve Issuance <input type="checkbox"/> Deny Issuance	SUPERVISOR APPROVAL
Environmental Public Health Division Manager:	<input type="checkbox"/> Approve Issuance <input type="checkbox"/> Deny Issuance	MANAGER APPROVAL

Health Director / Air Pollution Control Officer Authorization:

<u>ACTION TAKEN:</u> <input type="checkbox"/> Approve Issuance <input type="checkbox"/> Deny Issuance	_____ Date	_____ Kerry Kernen, MPA, MSN, RN Health Director
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Definitions

Unless otherwise defined, or a different meaning is clearly required by context, the words and phrases, as used in this permit, the LLCAPCPRS, and the related appendices shall have the meanings set forth in LLCAPCPRS Article 2, Section 1 (Definitions).

Abbreviations, Symbols, and Units of Measure

Abbreviations, symbols, and units of measure used in this permit shall be as follows:

AP-42	Compilation of Air Pollutant Emission Factors, Volume I, Stationary Point and Area Sources	NAAQS	National Ambient Air Quality Standards
BACT	Best Available Control Technology	NESHAP	National Emission Standards for Hazardous Air Pollutants
bhp	Brake horsepower	NO ₂	Nitrogen dioxide
BMP	Best Management Practice	NO _x	Nitrogen oxides
Btu	British thermal unit	NSPS	New Source Performance Standard
bu	Bushel	NSR	New Source Review
CAA	Clean Air Act	PAL	Plant-wide applicability limit
CDT/CST	Central Daylight Time/Central Standard Time	Pb	Lead (chemical abbreviation)
CE	Control equipment	PEMS	Predictive Emissions Monitoring System
CEM	Continuous emissions monitor	PM	Particulate matter
CEMS	Continuous emissions monitoring system	PM ₁₀	Particulate matter with and aerodynamic diameter equal to or less than 10 microns
cf or ft ³	Cubic feet	PM _{2.5}	Particulate matter with and aerodynamic diameter equal to or less than 2.5 microns
CFR	Code of Federal Regulations	ppb	Parts per billion
CO	Carbon monoxide	ppm	Parts per million
CO ₂	Carbon dioxide	ppmv	Parts per million by volume
CO _{2e}	CO ₂ equivalent	ppmvd	Parts per million by volume, dry basis
C.P.	Construction permit	PSD	Prevention of Significant Deterioration of Air Quality
CPMS	Continuous Parametric Monitoring System	PTE	Potential to emit
dscf	Dry standard cubic feet	RVP	Reid vapor pressure
dscfm	Dry standard cubic feet per minute	RATA	Relative Accuracy Test Audit
EMIS	Emergency Management Information System	RMP	Risk Management Plan
EP	Emission point	RTO	Regenerative thermal oxidizer
ESP	Electrostatic precipitator	§	Section
EU	Emission unit	scf	Standard cubic feet
FID#	Facility Identification Number	SDS	Safety Data Sheet
FDCP	Fugitive dust control plan	SIC	Standard Industrial Classification
FGR	Flue gas recirculation	SIP	State Implementation Plan
FIP	Federal Implementation Plan	SO ₂	Sulfur dioxide
FR	Federal Register	SO _x	Sulfur oxides
ft	Feet	TDS	Total dissolved solids
FTIR	Fourier Transform Infrared	TO	Thermal oxidizer
GHGs	Greenhouse gases	TO/HRSG	Thermal oxidizer with heat recovery steam generator
gpm	gallons per minute	tpy	Tons per year
H ₂ S	Hydrogen sulfide	TRS	Total reduced sulfur
HAP	Hazardous air pollutant	TSP	Total suspended particulate matter
hp	Horsepower	ULNB	Ultra low-NO _x burner
hr	Hour	ULSD	Ultra low-sulfur diesel (maximum sulfur content of 15 ppm)
kW	Kilowatt	UST	Underground storage tank
kWh	Kilowatt-hour	US EPA	United States Environmental Protection Agency
lb	Pound	UTM	Universal Transverse Mercator
LDAR	Leak detection and repair	VHAP	Volatile hazardous air pollutant
LLCAPCRS	Lincoln-Lancaster County Air Pollution Control Program Regulations and Standards	VMT	Vehicle miles traveled
LLCHD	Lincoln-Lancaster County Health Department	VOC	Volatile organic compound
LNB	Low-NO _x burner		
MACT	Maximum Achievable Control Technology		
Mgal	One thousand gallons		
MMBtu	One million British thermal units		
MMscf	One million standard cubic feet		
MW	Megawatt		

Description of Permitting Action

This permitting action is a 'significant permit modification' of Construction Permit (C.P.) #205A issued to the Archer-Daniels-Midland Company (hereinafter referred to as 'ADM') Lincoln, Nebraska Oilseed Processing Facility to modify grain receiving and processing equipment at the facility. This permitting action authorizes the installation of Emission Unit (EU) 44-2 (Vertical Seed Conditioner (VSC) #2), a new baghouse associated with VSC #2, and new conveying to connect VSC #2 to the existing equipment. The new VSC #2 will be operated in parallel with existing EU 44-1 (VSC #1). The throughput associated with VSC #2 will be 'rolled into' and operate under the existing annual throughput limits for VSC #1 set forth in C.P. #205A.

The result is that the combined potential emissions associated with the emission units listed in Attachment A will have a slight net increase of particulate matter less than 10 micrometers in diameter (PM₁₀) from what was reflected in C.P. #205A. This permit revision is being processed as a 'significant permit modification' based on the following:

- While the change in emissions resulting from the revision results in a net increase of PM₁₀ that does not exceed the Minor NSR permitting threshold or the PSD significance threshold, previous permit language established the PM₁₀ potential to emit as an emission limit (that condition has since been removed).

While this modification is considered a significant permit modification, it is noted here that:

- No applicable requirement included in an operating permit to which the source is subject will be violated;
- No emissions limit, equipment or operational standard applicable to the source will be exceeded; and
- The nature of the constructed facility will be consistent with that described in the original public notice materials.

Additional revisions involve re-naming of certain emission units to provide better clarity in identifying equipment and their associated processes, and general formatting changes to make this permit consistent with recently issued construction permits. Please see the "Statement of Basis" that accompanies the issuance of this permit for further discussion and more information on this minor permit modification.

Description of Source

The operations for this permit are the portions of the facility primarily involved in the following operations:

- Soybean Receiving, Handling, and Preparation for Extraction
- Soybean Meal Processing

Additional operations for this permit include cooling towers and haul roads. Emissions from several of the emission units associated with this permit are controlled with a variety of emission controls, as reflected on pages 2-4 of this permit.

Permitted New Emission Units

This construction permit modification allows for the construction/installation of the following emission unit(s):

Emission Unit (EU)	SCC Code	Emission Point Description	Emission Segment Description	Emission Control Unit
44-2	3-02-007-87	Vertical Seed Conditioner #2	Soybean Conditioning	Baghouse

Emission Units Subject to Requirements of this Permit

This modified permit establishes requirements for the emission units and associated conveying and emission control equipment identified below:

Emission Unit (EU)	SCC Code	Emission Point Description	Emission Segment Description	Emission Control Unit(s)
1-1	3-02-005-52	Soybean Receiving	East Truck Dump	Baghouse
1-2	3-02-005-52	Soybean Receiving	West Truck Dump	Baghouse
1-3	3-02-005-52	Soybean Receiving	Rail Dump Truck Unloading	Baghouse
1-4	3-02-005-53	Soybean Receiving	Rail Dump Railcar Unloading	Baghouse
1-5	3-02-005-52	Soybean Receiving	Temporary Storage Truck Unloading	---
2-1	3-02-005-30	Elevator Conveying – North Fan	Headhouse & Internal Handling	Baghouse
2-2	3-02-005-30	Elevator Conveying – South Fan	Headhouse & Internal Handling	Baghouse
2-3	3-02-005-30	Conveying & Discharge	Temporary Storage Piles	---
3-1a	3-02-005-27	Grain Drying	Column Dryer	---
3-1b	3-02-005-30	Grain Drying	Aspirator	Cyclone & Baghouse
3-2	1-02-006-02	Grain Dryer Burners (19.5 MMBtu/hr)	Natural Gas	---
4-1	3-02-005-40	Soybean Storage Silos – North Fan ^[1]	Bin Vents	Baghouse
4-2	3-02-005-40	Soybean Storage Silos – South Fan ^[1]	Bin Vents	Baghouse
4-3	3-02-005-40	Soybean Flat Storage Building	Fugitive Emissions	Full Enclosure
5-1	3-02-007-87	Fluidized Bed Conditioners ^[2]	Cyclone & Baghouse	Cyclone & Baghouse
5-2	3-02-007-87	Fluidized Bed Conditioners ^[2]	Cyclone (Baghouse Bypassed)	Cyclone
6-1	3-02-007-85	Soybean Cracking & Dehulling Aspiration ^[2]	Cyclone & Baghouse	Cyclone & Baghouse
6-2	3-02-007-85	Soybean Cracking & Dehulling Aspiration ^[2]	Cyclone (Baghouse Bypassed)	Cyclone
7-1	3-02-007-85	Soybean Dehulling ^[3]	Cracking & Dehulling	Cyclone & Baghouse
8-1	3-02-007-86	Soybean Hull Grinding	Hull Grinding	Baghouse
9-1	3-02-008-16	Soybean Hull Pelletizing & Cooling	Pellet Cooler	Cyclone
10-1	3-02-007-88	Soybean Flaking	Flaking Rolls	Baghouse
11-1	3-02-007-89	Soybean Meal Drying ^[4]	Meal Dryer	Cyclone
11-2	3-02-007-90	Soybean Meal Cooling ^[4]	Meal Cooler	Cyclone
12-1	3-02-007-93	Soybean Meal Grinding	Meal Grinder/Sizing	Baghouse
13-1	3-05-009-05	Flowability Agent Tank	Raw Clay/Shale Transfer	Baghouse
14-1	3-02-008-14	Meal Storage Tanks ^[4]	North Meal Tank	Baghouse
14-2	3-02-008-14	Meal Storage Tanks ^[4]	Northeast Meal Tank	Baghouse
14-3	3-02-008-14	Meal Storage Tanks ^[4]	Southeast Meal Tank	Baghouse
15-1	3-02-008-14	Pellet Storage Tank	Storage	Baghouse

Emission Unit (EU)	SCC Code	Emission Point Description	Emission Segment Description	Emission Control Unit(s)
16-1	3-02-008-14	Hull Storage Tank	Storage	Baghouse
17-1	3-02-005-30	Conveying to Meal Load-Out	Conveying to Rail Load-Out	Baghouse
17-2	3-02-005-30	Conveying to Meal Load-Out	Conveying to Truck Load-Out	Baghouse
18-1	3-02-007-91	Meal/Hull/Pellet Loadout	Soybean Bulk Loadout to Railcars	Baghouse
18-2	3-02-007-91	Meal/Hull/Pellet Loadout	Soybean Bulk Loadout to Trucks	Baghouse
18-3	3-02-005-52	Meal/Hull/Pellet Unloading Pit	Unloading from Trucks	---
18-4	3-02-005-53	Meal/Hull/Pellet Unloading Pit	Unloading from Railcars	---
18-5	3-02-007-91	Pellet Truck Loadout in Rail Shed	Loadout to Trucks in Rail Shed	---
18-6	3-02-005-60	Temporary Storage Pile Reclaim	Soybean Loadout to Trucks	---
19-1	3-05-009-05	Bleaching Clay Silo	Raw Clay/Shale Transfer	Baghouse
20-1	3-05-009-05	Filter Aid Silo	Raw Clay/Shale Transfer	Baghouse
38-1	3-85-001-01	Mechanical Draft Cooling Tower – Northeast Extraction	PSI CFF-242427-1I-18	---
38-2	3-85-001-01	Mechanical Draft Cooling Tower – Southeast Extraction	PSI CFF-242418-1I-18	---
38-3	3-85-001-01	Mechanical Draft Cooling Tower – Southwest Extraction	PSI CFF-243018-1I-18	---
38-7	3-85-001-01	Mechanical Draft Cooling Tower – Refinery	Marley NC8414RAS3BMF	---
39-1	A22-94-015-001	Paved Roads	Loaded Trucks	---
39-2	A22-94-015-001	Paved Roads	Empty Trucks	---
39-3	A22-96-010-000	Unpaved Roads	Loaded Trucks	---
39-4	A22-96-010-000	Unpaved Roads	Empty Trucks	---
44-1	3-02-007-87	Vertical Seed Conditioner #1 ^[5]	Soybean Conditioning	Baghouse
44-2	3-02-007-87	Vertical Seed Conditioner #2 ^[5]	Soybean Conditioning	Baghouse
45-1	3-02-005-37	Shaker Screen	Internal Vibrating	Baghouse

^[1] Elevator conveying involves headhouse & internal handling which consists of East Truck Dump (ETD) conveyor, ETD Hi-Roller, ETD leg, East & West House Legs, East-West (E-W) reversible Gallery Conveyor, Rail Receiving Conveyors 1 & 2, Jack Leg, East-West and North-South Scale Tank Discharge Conveyors, Gallery Drags, E-W Tunnel Drag Conveyors, E-W Garners, West Tunnel Enclosed Belt Conveyor, Flat Storage, Closed Belt Conveyor from Flat Storage, Leg to Processing. EU 2-1, EU 2-2, EU 4-1 and EU 4-2 all share the same baghouse.

^[2] EU 5-2 and EU 6-2 each have a limit on processing while the baghouse is bypassed, which means emissions are routed to the associated cyclone instead (both units vent to the same control unit). The soybean conditioning (EU 5-1 and 5-2) and the soybean cracking/de-hulling aspiration (EU 6-1 and 6-2) processes each have a maximum annual processing limit. EU 5-1 and EU 6-1 vent to the same control unit. Aspirators are considered process equipment; therefore, no control efficiency credit is given.

^[3] ADM will install a whole bean aspirator after the soybean cleaner and before the bean heater. EU 7-1 and EU 45-1 vent to a common stack – “soybean de-hulling baghouse and four cyclones”. The cyclones associated with EU 7-1 are considered process equipment. EU 45-1 will consist of grain cleaning via internal vibrating.

^[4] These emission points (EU 11-1 and EU 11-2) are the DC (dryer & cooler) part of the DTDC units (also known as the desolventizer, toaster, dryer and cooler).

^[5] These emission points (EU 44-1 and EU 44-2) are parallel processing units.

Applicable Local and State Regulations for Construction Permit Issuance

This Construction Permit modification is being issued in accordance with the applicable provisions of Article 2, Sections 14, 15, and 17 of the Lincoln-Lancaster County Air Pollution Control Program Regulations and Standards (LLCAPCPRS), as well as all other applicable provisions of the LLCAPCPRS.

This Construction Permit is not subject to the Prevention of Significant Deterioration of Air Quality (PSD) requirements set forth under the Nebraska Department of Environment and Energy (NDEE) Title 129 (Nebraska Air Quality Regulations) Chapter 4 (also refer to 40 CFR Part 52, §52.21).

Emission Unit Regulatory Classification

- This permit modification is not subject to the Prevention of Significant Deterioration of Air Quality (PSD) requirements set forth under the Nebraska Department of Environment and Energy (NDEE) Title 129 (Nebraska Air Quality Regulations) Chapter 4, as well as 40 CFR Part 52, §52.21.
- This permit allows for construction or continued operation of units that are subject to the following New Source Performance Standards (NSPS) set forth in Title 40, Part 60 of the Code of Federal Regulations (40 CFR 60):
 - Subpart A: NSPS General Provisions
 - Subpart DD: NSPS for Grain Elevators
- At the time of issuance of this permit, the emission units for which this permit authorizes construction and operation are not subject to any of regulations set forth in the National Emissions Standards for Hazardous Air Pollutants for Source Categories (Source Category NESHAPs) in Title 40, Part 63 of the Code of Federal Regulations (40 CFR 63).

Public Participation

Pursuant to Article 2, Section 14 of the LLCAPCPRS, the public has been notified by prominent advertisement of this permit for operation of an air contaminant source, and the thirty (30) day period allowed for comments has elapsed, and all comments received have been addressed.

Permitting Authority

The permitting authority for this project is the Air Quality Section in the Environmental Public Health Division of the Lincoln-Lancaster County Health Department (LLCHD). All documents related to applications for permits to construct/reconstruct/modify or operate any emissions unit or source shall be submitted to the LLCHD at the following address.

Lincoln-Lancaster County Health Department
c/o Air Quality Section
3131 'O' Street
Lincoln, NE 68510

Compliance Authorities

- | | |
|---|--|
| <ul style="list-style-type: none">• All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the following:

Lincoln-Lancaster County Health Department
% Air Quality Section
3131 'O' Street
Lincoln, NE 68510 | <ul style="list-style-type: none">• If required or requested by the EPA, the owner/operator shall submit reports, tests, and/or notifications to the following:

US EPA Region 7
ECAD/AB-Nebraska Air Compliance Coordinator
11201 Renner Blvd.
Lenexa, KS 66219 |
|---|--|

- If required to submit electronic reports to the US EPA by regulations applicable to the owner/operator, such reports shall be submitted via the 'Compliance and Emissions Data Reporting Interface' (CEDRI) which can be accessed through the US EPA's Central Data Exchange (CDX) (<https://cdx.epa.gov/cdx.epa.gov>), or through the appropriate submittal interface/site as specified in the underlying regulation or requirement. The owner/operator shall provide a copy to the LLCHD by mailing a hard copy to the address provided above, or sending a copy via email to air@lincoln.ne.gov.

PERMIT CONDITIONS BEGIN ON FOLLOWING PAGE

Regulations

I. Applicable and Non-Applicable Regulations & Requirements.

(A) The following sections (§) of the LLCAPCPRS are requirements of this permit:

Table 1-A: Applicable Regulations of the LLCAPCPRS

Article 1: Administration and Enforcement	
§1	Intent
§2	Unlawful Acts – Permits Required
§3	Violations – Hearings – Orders
§4	Appeal Procedure
§5	Variance
§6	Annual Fees
§7	Compliance – Actions to Enforce – Penalties for Non-Compliance
§8	Procedure for Abatement
§9	Severability
Article 2: Regulations and Standards	
§1	Definitions
§2	Major Sources – Defined
§4	Ambient Air Quality Standards
§6	Emissions Reporting – When Required
§14	Permits – Public Participation
§15	Permit Modifications – Reopening for Cause
§16	Stack Heights – Good Engineering Practice (GEP)
§17	Construction Permits – When Required
§18	New Source Performance Standards
§20	Particulate Limitations and Standards
§29	Operating and Construction Permit Emissions Fees
§32	Duty to Prevent Escape of Visible Airborne Dust
§33	Time Schedule for Compliance
§34	Emission Source Testing and Monitoring
§35	Compliance – Exceptions Due to Startup, Shutdown, or Malfunction
§36	Control Regulation Circumvention – When Excepted
§37	Compliance – Responsibility of Owner/Operator Pending Review by Director
§38	Emergency Episodes – Occurrence, Control, and Contingency Plans
Appendices	
I	Emergency Emission Reduction Regulations
II	Hazardous Air Pollutants Sorted by Pollutant Name
III	Hazardous Air Pollutants Sorted by CAS Number

(B) The following sections of the LLCAPCPRS are not requirements of this permit:

Table 1-B: LLCAPCPRS Regulations not Incorporated in Permit

Article 2: Regulations and Standards	
§5	Operating Permits – When Required
§7	Operating Permits – Application
§8	Operating Permits – Content
§9	General Permits
§10	Operating Permits for Temporary Sources
§12	Operating Permit Renewal and Expiration
§13	Class I Operating Permit – EPA Review – Affected States Review
§19	Prevention of Significant Deterioration (PSD) of Air Quality

Table 1-B: LLCAPCPRS Regulations not Incorporated in Permit

Article 2: Regulations and Standards	
§21	Compliance Assurance Monitoring (CAM)
§22	Incinerator Emission Standards
§23	National Emission Standards for Hazardous Air Pollutants (NESHAPs)
§24	Sulfur Compound Emission Standards for Existing Sources
§25	Nitrogen Oxide Emissions Standards for Existing Sources
§26	Acid Rain
§27	Hazardous Air Pollutants – Maximum Achievable Control Technology (MACT)
§28	Hazardous Air Pollutants – Source Category Emission Standards
§3, §11, §30, §31	Reserved

- (C) The following regulation(s) set forth under Title 129 of the Nebraska Administrative Code (Nebraska Air Quality Regulations) are not requirements of this permit:

Table 1-C: Non-Applicable State Air Quality Regulations

Regulation	Regulation Title
Chapter 4	Prevention of Significant Deterioration of Air Quality*
* Title 129 Chapter 4 applies to this source, as it is a major source for PSD purposes. However, none of the requirements of this permit are established pursuant to Chapter 4.	

- (D) The following Federal Regulations are applicable requirements of this permit, including those not currently delegated to the LLCHD or not yet included in the LLCAPCPRS:

Table 1-D: Applicable Federal Regulations

40 CFR Part 60: New Source Performance Standards (NSPS)	
Subpart	Subpart Subject
A	General Provisions
DD	Grain Elevators

General Conditions

- II. In accordance with paragraph (C) of LLCAPCPRS Article 1, Section 2 (Unlawful Acts – Permits Required), it is unlawful to:
 - (A) Construct or operate an air pollution source without first obtaining a permit required under the LLCAPCPRS;
 - (B) Violate any term or condition of this permit or any emission limit set in this permit; or
 - (C) Violate any emission limit or standard established in the LLCAPCPRS.
- III. Violations, hearings, and orders shall be conducted in accordance with LLCAPCPRS Article 1, Section 3 (Violations – Hearings – Orders).
- IV. Appeals shall be conducted in accordance with LLCAPCPRS Article 1, Section 4 (Appeal Procedure).
- V. In accordance with LLCAPCPRS Article 1, Section 5 (Variance), any person who owns or is in control of any plant, building, structure, process, or equipment may apply to the Director for a variance from rules or regulations. Any person who is applying for, or has obtained a variance must comply with all requirements of Article 1, Section 5 of the LLCAPCPRS, as applicable.
- VI. The following provisions of LLCAPCPRS Article 1, Section 6 (Fees) are requirements of this permit:
 - (A) Paragraph (A) – Annual Emission Fees: In accordance with paragraph (A)(1) of LLCAPCPRS Article 1, Section 6 (Fees), any person who owns or operates a source as defined in Article 2,

Section 1 of the LLCAPCPRS and is required to obtain a Class I or Class II operating permit in accordance with Article 2, Section 5 of the LLCAPCPRS, or is required to obtain a construction permit in accordance with Article 2, Section 17 of the LLCAPCPRS, must pay annual emission fees in accordance with all applicable provisions set forth under Article 1, Section 6, paragraph (A) of the LLCAPCPRS.

- (B) Paragraph (D) – In accordance with paragraph (D)(1) of Section 6, any person or source required to obtain a construction permit under Article 2, Section 17 (with the exception of a construction permit obtained in accordance with Article 2, Section 17, paragraph (O)) shall pay a permit fee for activities included under paragraphs (D)(1)(a) through (D)(1)(f) of Section 6. The permit fee shall be charged at the rate specified in paragraph (D)(1) of Section 6. Any person required to submit fees pursuant to Section 6 shall submit the fees to the Director of the Department by check or other authorized transfer payable to the Lincoln-Lancaster County Health Department. The fees shall be due and payable within thirty (30) days after issuance of the permit.
- (C) Paragraph (H) – All fees provided for herein must be payable to the Lincoln-Lancaster County Health Department. All money collected shall be deposited with the City Treasurer's Office and credited to Fund 145 Title V Clean Air Fund.

VII. The following provisions of LLCAPCPRS Article 1, Section 7 (Compliance – Actions to Enforce – Penalties for Non-Compliance) are requirements of this permit:

- (A) Paragraph (A) – The County Attorney or Attorney General may institute enforcement proceedings pursuant to Neb. Rev. Stat., §81-1504(23), Neb. Rev. Stat. §81-1508(4), or Nebr. Rev. Stat. §81-1528(2) against any person who fails to comply with the requirements of the LLCAPCPRS. Nothing in the LLCAPCPRS shall preclude the control of air pollution by resolution, ordinance, or rule, regulation, or standard not in actual conflict with the state air pollution control regulations. (Ref: Neb. Rev. Stat. §71-1631(15))
- (B) Paragraph (B) – Any person who fails to comply with the requirements of the LLCAPCPRS or who fails to perform any duty imposed by the LLCAPCPRS shall be subject to a civil penalty of not more than ten thousand dollars (\$10,000) per day per violation.
- (C) Paragraph (C) – Any person who knowingly and willfully fails to comply with the requirements of the LLCAPCPRS or who knowingly and willfully fails to perform any duty imposed by the LLCAPCPRS shall be subject to felony prosecution under Neb. Rev. Stat. §81-1508(f) including a fine of not more than ten thousand dollars (\$10,000) per day per violation, and up to a maximum six (6) month term of imprisonment.
- (D) Paragraph (D) – Enforcement proceedings may include injunctive relief in court to restrain any violation that creates an imminent and substantial endangerment to the public health or to the environment.

VIII. In accordance with LLCAPCPRS Article 1, Section 8 (Procedure for Abatement), if the Director has determined a violation of the Air Pollution Control Program after any hearing required hereunder or if the Director has probable cause to believe a violation has occurred, the Director shall refer the matter to the County Attorney.

IX. In accordance with LLCAPCPRS Article 1, Section 9 (Severability), if any clause, paragraph, or section of the LLCAPCPRS shall be held invalid, it shall be conclusively presumed that the City and County would have enacted the remainder of the LLCAPCPRS not directly related to such clause, paragraph, or section.

- X. The owner/operator shall maintain compliance with the requirements set forth in LLCAPCPRS Article 2, Section 4 (Ambient Air Quality Standards).
- XI. The following provisions of LLCAPCPRS Article 2, Section 6 (Emissions Reporting – When Required) are requirements of this permit:
- (A) Paragraph (A) – The owner/operator must complete and submit to the Department an annual emissions inventory on forms furnished by or acceptable to the Department by March 31 of each year. The inventory must include all emissions associated with the emission units subject to the requirements of this permit. The inventory form must be certified in accordance with LLCAPCPRS Article 2, Section 7, paragraph (H).
 - (B) Paragraph (B) – The annual emissions inventory must include the information set forth under paragraphs (B)(1-3) of Section 6.
 - (C) Paragraph (C) – Actual emissions shall be calculated using the methods and procedures set forth under paragraphs (C)(1-9) of Section 6.
 - (D) Paragraph (D) – Except as otherwise provided in (C) above, any other test methods and procedures for use in determining actual emissions must be approved by the Director.
 - (E) The Director may require the submittal of supplemental information to verify or otherwise assure the quality of emissions reported.
- XII. The following provisions of LLCAPCPRS Article 2, Section 15 (Permit Modifications – Reopening for Cause) are requirements of this permit:
- (A) Paragraph (A) – The owner/operator may request the Director to make an administrative permit amendment in writing by specifying the section of the permit that is to be changed and the reason for the change. The source may implement the changes addressed in the request immediately upon submittal of the request, subject to the Department's final action on the request. Administrative permit amendments include any permit revision that meet the criteria established in paragraphs (A)(1)(a)-(d) of Section 15.
 - (B) Paragraph (C)(2) – The owner/operator may request a minor permit modification consistent with the procedures set forth under paragraph (C)(2) of Section 15, provided that the modification meets the criteria established in paragraphs (C)(2)(a)-(e) of Section 15.
 - (C) Paragraph (E) – Any modification not meeting the administrative permit amendment criteria in paragraph (A) of Section 15, and/or the minor permit modification criteria in paragraph (C)(2) of Section 15 shall be processed in accordance with the provisions for a significant permit modification established in paragraphs (E)(1)-(3) and (E)(5) of Section 15.
 - (D) Paragraph (F)(2) – A permit may be revoked during its term for cause, including, but not limited to:
 - (1) The existence at the facility of unresolved noncompliance with applicable requirements or a term or condition of the permit, and refusal of the owner/operator to agree to an enforceable schedule of compliance to resolve the noncompliance;
 - (2) The owner/operator has falsely certified or submitted false, incomplete, or misleading information to the Department or EPA;
 - (3) The Director determines that the permitted facility or activity endangers human health or the environment and that the danger cannot be removed by a modification of the permit; or
 - (4) The owner/operator has failed to pay a penalty owed pursuant to court order, stipulation and agreement, or order issued by the Administrator.

- (E) Paragraph (G) – The owner/operator may make changes to a permitted facility without a permit revision if the change is not a modification under LLCAPCPRS Article 2, Sections 18, 23, 27, or 28, the change does not require a construction permit under LLCAPCPRS Article 2, Sections 17 or 19, and the change is allowed under the applicable provisions of paragraphs (G)(1) or (G)(2) of Section 15.
 - (F) Paragraph (H) – No permit revisions shall be required under any State-approved programs providing for economic incentives, marketable permits, emissions trading or other similar programs or processed for changes that are provided for in the permit.
- XIII. In accordance with paragraph (A) of LLCAPCPRS Article 2, Section 16 (Stack Heights – Good Engineering Practice), the degree of emissions limitation required of any source for control of any air pollutant shall not be affected by so much of any source's stack height that exceeds good engineering practice or by any other dispersion technique, except as provided in paragraph (B) of Section 16.
- XIV. The following provisions of LLCAPCPRS Article 2, Section 17 (Construction Permits – When Required) are requirements of this permit:
- (A) Paragraph (A) – No person shall cause the construction, reconstruction, or modification of any of the items specified in Article 2, Section 17 of the LLCAPCPRS without first having obtained a construction permit from the Department in the manner prescribed by the LLCAPCPRS.
 - (B) Paragraph (K) – Approval, by issuance of a permit for any construction, reconstruction, or modification, does not relieve the owner/operator from his or her responsibility to comply with the applicable portions of the Implementation Plan control strategy. The permittee must comply with all conditions of the construction permit. Any permit noncompliance shall constitute a violation of the LLCAPCPRS and the Act and is grounds for enforcement action or permit revocation.
 - (C) If construction, reconstruction, or modification of the source is not commenced within eighteen (18) months, the construction permit shall lapse except upon showing by the permittee that the complexity of the construction, reconstruction, or modification requires additional time.
 - (D) Paragraph (N) – The owner/operator may request modification of a construction permit pursuant to the applicable provisions set forth in paragraph (N) of Section 17.
 - (E) Paragraph (R) – For each permit issued pursuant to the provisions of Section 17, the owner/operator must place a copy of the permit and of the letter of transmittal on file at the location of the source no later than fourteen (14) calendar days after the date of the letter of transmittal or upon the actual start-up of the constructed/reconstructed/modified source, whichever occurs first. A copy of the permit must also be placed on file at the owner's or operator's main or corporate office no later than thirty (30) calendar days after the date of the letter of transmittal.
- XV. The owner/operator must comply with all regulations set forth in LLCAPCPRS Article 2, Section 18 (New Source Performance Standards and Emission Limits for Existing Sources) determined to be applicable to the source.
- XVI. The following provisions of LLCAPCPRS Article 2, Section 20 (Particulate Limitations and Standards) are requirements of this permit:
- (A) Paragraph (A) – The owner/operator must limit the emissions of particulates from any processing machine, equipment, device or other articles, or any combination thereof to no greater than the amounts set forth in Table 20-2 of Section 20 during any one (1) hour.

- (B) Paragraph (B) – The owner/operator must limit the emissions of particulate matter caused by the combustion of fuel in accordance with the limits set forth in Table 20-1 of Section 20, as they apply based on heat input rating.
 - (C) Paragraph (E) – The owner/operator must not cause or allow emissions from any emission point that are of opacity equal to or greater than twenty percent (20%), as evaluated by Method 9 in Appendix A of 40 CFR 60, or recorded by a continuous opacity monitoring system operated and maintained pursuant to 40 CFR Part 60 Appendix B, except as provided for in paragraph (D) of this condition.
 - (D) Paragraph (F) – Emission sources subject to monitoring requirements of Article 2, Section 34, paragraph (E) of LLCAPCPRS are allowed to have one six-minute period per hour of not more than twenty-seven percent (27%) opacity. For the purpose of this permit, this exception applies to any unit equipped with a continuous opacity monitoring system (COMS) installed, calibrated, and operated in accordance with the procedures specified in 40 CFR Part 60 Appendix B.
- XVII. The owner/operator must comply with regulations set forth in LLCAPCPRS Article 2, Section 23 (Hazardous Air Pollutants – Emission Standards), if any are determined to be applicable to the source.
- XVIII. In accordance with paragraph (A) of LLCAPCPRS Article 2, Section 24 (Sulfur Compound Emissions – Existing Sources – Emission Standards), the owner/operator must not cause or allow emissions of sulfur oxides from any fossil fuel burning equipment in excess of two and one-half pounds per million British thermal units (2.5 lbs/MMBtu) input, maximum two (2) hour average.
- XIX. The owner/operator must comply with all regulations set forth in LLCAPCPRS Article 2, Section 28 (Hazardous Air Pollutants – MACT Emission Standards) determined to be applicable to the source.
- XX. The following provisions of LLCAPCPRS Article 2, Section 32 (Duty to Prevent Escape of Visible Airborne Dust) are requirements of this permit:
- (A) Paragraph (A) – The source must not cause or permit fugitive particulate matter to become airborne in such quantities and concentrations that it remains visible in the ambient air beyond the premise where it originates.
 - (B) Paragraph (B) – The source must not cause or permit a road, driveway, or open area to be used without applying all such reasonable measures to prevent particulate matter from becoming airborne so that it remains visible beyond the premises where it originates. Such reasonable measures include but are not limited to: paving or frequent cleaning of roads, driveways, and parking lots; application of water or chemical dust suppressants; and the planting and maintenance of vegetative ground cover.
- XXI. The following provisions of LLCAPCPRS Article 2, Section 33 (Time Schedule for Compliance) are requirements of this permit:
- (A) Paragraph (A) – Except as otherwise noted in specific emission control regulations, compliance with the LLCAPCPRS shall be according to the schedule provided under paragraphs (A)(1)-(3) of Section 33.
 - (B) Paragraph (B) – Compliance schedules requiring more than twelve (12) months to conform with applicable rules and regulations to meet National Primary and Secondary Ambient Air Quality Standards will be accomplished in progressive steps. A report will be made in writing to the Director within five (5) days after each step is completed.

- (C) Paragraph (C) – Failure to meet time schedules approved in accordance with paragraphs (A)(1)-(2) of Section 33 shall constitute a violation of the LLCAPCPRS unless a request to amend the time schedule is received at least thirty (30) days before the end of any specified period approved for a particular activity. Such a request to amend the schedule shall contain the same type of information as required for the initial request for variance as described in paragraph (A)(3) of Section 33.

XXII. The following provisions of LLCAPCPRS Article 2, Section 34 (Emission Sources – Testing and Monitoring) are requirements of this permit:

- (A) Paragraph (A) – The Department may require any person responsible for the operation of an emission source to make or have tests made to determine the rate of contaminant emissions from the source whenever it has reason to believe, on the basis of estimates of potential contaminant emissions rates from the source and due consideration of probable efficiency of any existing control device, or visible emission determinations made by an official observer, that existing emissions exceed the limitations required in the LLCAPCPRS. Such tests may also be required pursuant to verifying that any newly installed control device meets performance specifications. Should the Department determine that the test did not represent normal operating conditions or emissions, additional tests may be required. Such a requirement shall be considered as an order and subject to all administrative and legal requirements specified.
- (B) Paragraph (B) – Required tests must be conducted in accordance the test methods and procedures established in paragraphs (B)(1)-(6) of Section 34. Such tests shall be conducted by reputable, qualified individuals. A written copy of the test results, certified for completeness and accuracy and signed by the person conducting the test, shall be provided to the Department within sixty (60) days of completion of the test unless a different period is specified in the underlying requirements of an applicable federal rule.
- (C) Paragraph (C) – The owner or operator of a source must provide notice to the Department at least thirty (30) days prior to testing to afford the Department an opportunity to have an observer present. The Department may, in writing, approve a notice of less than thirty (30) days. If the testing is pursuant to an underlying requirement contained in a federal rule, the notice provisions of the underlying requirement shall apply.
- (D) Paragraph (D) – The Department may conduct tests of emissions of contaminants from any stationary source.
 - (1) Upon written request from the Department, the person responsible for the source to be tested shall cooperate with the Department in providing all necessary test ports in stacks or ducts and such other safe and proper facilities, exclusive of instruments and sensing devices, as may be reasonably required to conduct the test with due regard being given to expenditures and possible disruption of normal operations of the source.
 - (2) A report concerning the findings of such tests shall be furnished to the person responsible for the source upon request.
- (E) Paragraph (F) – The Director may require the owner or operator of any other emission source which is subject to the provisions of these regulations to install, use and maintain such stationary monitoring equipment as is required to demonstrate continuing compliance with any applicable emissions limitations, and to maintain records and make reports regarding such measured emissions to the Department in a manner and on a schedule to be determined by the Director.
- (F) Paragraph (G) – When a new or modified stationary source becomes operational, the owner or operator will submit a written report of performance tests (if required) to the Director within

sixty (60) days after reaching maximum capacity but not later than one hundred eighty (180) days after the startup of operations. Failure to meet established performance standards will result in withdrawal of the provisional approval granted to operate the new or modified stationary source. Final approval and issuance of an operating permit will be withheld for operation of the affected facility until such time as the owner or operator has corrected the deficiencies determined by the performance tests. Upon satisfactory accomplishment of a valid series of performance tests, approval for operation of the new or modified stationary source will be granted through issuance of an operating permit in accordance with Article 2, Section 5.

(G) Paragraph (H) – Notwithstanding any other provisions of LLCAPCPRS, the following methods may be used to determine compliance with applicable requirements:

- (1) A monitoring method approved for the source and incorporated in an operating permit pursuant to LLCAPCPRS Article 2, Section 8;
- (2) Any compliance test method specified in the State Implementation Plan (SIP);
- (3) Any test or monitoring method approved for the source in a permit issued pursuant to LLCAPCPRS Article 2, Sections 17, 19, or 27;
- (4) Any test or monitoring method provided for in the LLCAPCPRS; or
- (5) Any other test, monitoring, or information gathering method that produces information comparable to that produced by any method described in paragraphs (1) through (4) of this condition.

XXIII. The following provisions of LLCAPCPRS Article 2, Section 35 (Compliance – Exceptions Due to Startup, Shutdown, or Malfunction) are requirements of this permit:

- (A) Paragraph (A) – Upon receipt of a notice of excess emissions issued by the Department, the owner/operator may provide information showing that the excess emissions were the result of a malfunction, start-up, or shutdown.
- (B) Paragraph (B) – The information provided by the source operator under paragraph (A) of this condition must include, at a minimum, the information specified in paragraphs (B)(1)-(9) of Section 35.
- (C) Paragraph (C) – The owner/operator must submit the information specified in paragraph (B) of this condition no later than fifteen (15) days after receipt of the notice of excess emissions.
- (D) Paragraph (D) – The owner/operator must notify the Director, in writing, whenever a planned start-up or shut down may result in excess emissions. This notice must be mailed, no later than ten (10) days prior to such action and must include, but not be limited to, the information specified in paragraphs (D)(1)-(10) of Section 35.
- (E) Paragraph (E) – The owner/operator must notify the Director, in writing, whenever emissions due to malfunctions, unplanned shutdowns or ensuing start-ups are, or may be, in excess of applicable emission control regulations for one hour or more. Such notification must be mailed within forty-eight (48) hours of the beginning of each period of excess emissions and must include, but not be limited to, the information required in paragraph (D) of Section 35.

XXIV. The following provisions of LLCAPCPRS Article 2, Section 36 (Control Regulations Circumvention – When Excepted) are requirements of this permit:

- (A) Paragraph (A) – No person shall cause or permit the installation or use of any machine, equipment, device, or other article, or alter any process in any manner which conceals or dilutes the emissions of contaminants without resulting in a reduction of the total amounts of contaminants emitted.

- (B) Paragraph (B) – Exception to paragraph (A) above may be granted by the Director, upon request, provided that such action is intended to convert the physical or chemical nature of the contaminant emission and that failure to reduce total contaminant emissions results solely from the introduction of contaminants which are not deemed to be detrimental to the public interest.

XXV. In accordance with LLCAPCPRS Article 2, Section 37 (Compliance – Responsibility of Owner/Operator Pending Review by Director), application for review of plans or advice furnished by the Director will not relieve the owner or operator of a new or modified stationary source of legal compliance with any provision of the LLCAPCPRS, or prevent the Director from enforcing or implementing any provision of the LLCAPCPRS.

XXVI. In accordance with LLCAPCPRS Article 2, Section 38 (Emergency Episodes – Occurrence, Control, and Contingency Plans), if and when the Director declares an air pollution emergency episode as defined in Section 38, the source must perform all applicable Air Pollution Emergency Actions as required by LLCAPCPRS Appendix I, paragraphs 1.3 (a)(1) and 1.3 (b)(1)-(2) until the Director declares the air pollution episode terminated.

Specific Conditions

XXVII. Source-Wide Requirements. As authorized by LLCAPCPRS Article 2, Section 17, this permit authorizes the owner/operator operate the 'emission units subject to the requirements of this permit' in accordance with the following requirements:

(A) Operating Requirements, Throughput Limits, and/or Work Practice Standards.

- (1) In accordance with the approved application, the owner/operator shall limit fuel/material processing, throughput, utilization, and/or consumption, as well as 'vehicle miles traveled' (VMT), to no more than the quantities set forth for each respective emission unit in Attachment A of this permit. The 'Maximum Allowable Annual Processing Rates' established in Attachment A shall apply to any period of twelve (12) consecutive months.
- (2) In accordance with the approved application, the owner/operator shall limit circulating water flow for cooling towers identified in the emission units subject to the requirements of this permit as required in Table 27-A2 below for each respective emission unit.

**Table 27-A2: Emission Units
Subject to Throughput Limits**

Emission Unit (EU)	Emission Unit Description	Limit	Limit Unit
38-1	Mechanical Draft Cooling Towers – NE Extraction	4,500	gallons/minute
38-2	Mechanical Draft Cooling Towers – SE Extraction	2,200	gallons/minute
38-3	Mechanical Draft Cooling Towers – SW Extraction	3,500	gallons/minute
38-7	Mechanical Draft Cooling Towers – Refinery	5,100	gallons/minute

- (3) The conveying of meal from the desolventizer - toaster/dryer - cooler (DTDC) to meal grinding screeners shall be done in such manner to ensure that meal is conveyed only once (single pass) between these two points.
- (4) The owner/operator shall continue to provide for the surfacing of roadways serving these facilities as follows:
 - (a) The entrance roads to the East Truck Dump and West Truck Dump shall be paved with concrete or asphaltic concrete.

- (b) The east-west sections of roadway south of the flat storage building shall be paved with concrete or asphaltic concrete.
 - (c) All soybean trucks entering the plant from North 84th Street shall use the paved roadway that was constructed in 1997 and is located on the east side of owner/operator's property.
 - (5) The owner/operator shall operate the emission units subject to the requirements of this permit in compliance with all applicable operating requirements and work practice standard requirements (if any) established pursuant to the Federal Regulation(s) incorporated in paragraph (F) of this condition.
 - (6) This permit authorizes the construction and operation of the Permitted New Emission Units in a manner that is consistent with the approved application (dated **May 19, 2025**), and in accordance with the manufacturer's specifications. Prior to any modification(s) to any Permitted New Emission Units, and/or prior to any change(s) in the method of operation of any of the Permitted New Emission Units, the owner/operator shall determine what impact, if any, the proposed modification(s) or change(s) have on the potential to emit for the affected emission unit(s), as well as the combined potential to emit for all Permitted New Emission Units associated with the source.
 - (7) At all times, including periods of startup, shutdown, and malfunction, the owner/operator shall, to the extent practicable, maintain and operate the emission units subject to the requirements of this permit in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
 - (8) The owner/operator is subject to all elections specified in the approved application, and any emissions controls used shall be at a minimum those elected in Section 6 of the approved application. The owner/operator may contact the Department to request or submit modifications to the approved application.
- (B) Emission Limits and Emission Control Requirements.
- (1) The owner/operator shall achieve and maintain compliance with the particulate matter (PM) emission limits set forth in Condition XVI of this permit, as well as the sulfur oxide (SO_x) emission limit set forth in Condition XVIII of this permit, as applicable to the emission units subject to the requirements of this permit.
 - (2) In accordance with the approved application, the owner/operator shall control PM₁₀ and PM_{2.5} emissions from the emission units subject to the requirements of this permit utilizing the 'Emission Control Devices/Methods' specified for each unit in accordance with Attachment A of this permit. These controls shall be subject to the following:
 - (a) Each 'Emission Control Device/Method' shall be operated at all times during which the associated emission unit is operating. For storage operations (i.e., tanks, silos, etc.), 'operating' shall mean any time when the vessel is being filled.
 - (b) Each emission control device shall be properly installed and shall be operated and maintained in accordance with the manufacturer's instructions, or equivalent instructions that have been approved by the Department. The instructions for each emission control device shall be kept on-site and readily available to Department representatives.

- (c) Each 'Emission Control Device/Method' shall achieve, at a minimum, the associated 'Control Efficiency (%)' established in Attachment A.
 - (d) For the purposes of this permit, the 'Control Efficiency (%)' represents the combined emission capture efficiency and the pollutant control efficiency.
- (3) For each fabric filter dust collector (baghouse) identified as a required emission control device in Attachment A of this permit, operation of each fabric filter dust collector shall be in accordance with the following requirements:
- (a) Each fabric filter dust collector shall be equipped with an operational pressure differential indicator.
 - (b) Fabric filters shall be replaced as necessary based on damage observed during visual inspection results (e.g., obvious holes or tears), or based on pressure differential indicator readings.
 - (c) Any necessary corrective action(s) for remediation identified during the observations and/or inspections required by paragraphs (C)(6)(a) of this condition shall be commenced immediately. Upon identifying any condition that warrants corrective action(s) for remediation, the owner/operator shall immediately perform a visible emissions survey in accordance with the procedures set forth in the owner/operator's operating permit, unless such a survey was performed no more than two (2) hours prior to the observation and/or inspection required by paragraph (C)(6)(a).
 - (d) In accordance with Condition XX of this permit, collected waste material from the fabric dust collectors shall not be handled, transported, or stored in a manner that may allow particulate matter to become airborne in such quantities and concentrations that it remains visible in the ambient air beyond the premises where it originates.
- (4) Grain Receiving at the East Truck Dump (EU 1-1), the West Truck Dump (EU 1-2), and via truck at the Rail Dump (EU 1-3) shall occur inside a three-sided enclosure. All hopper bottom trucks and railcars shall utilize choke unloading practices during receipt of grain, when feasible. For the purposes of this condition, any truck dumping of grain that occurs in a building that is not a three-sided enclosure due to circumstances that are beyond the owner/operator's control (e.g., truck driver unloads truck when malfunctioning or damaged door fails to close, etc.) shall not be considered a violation of this permit.
- (5) The owner/operator shall limit emissions of particulate matter greater than 0.2 microns in diameter from EU 19-1 (Bleaching Clay Silo) and EU 20-1 (Filter Aid Silo) to an average of no more than 0.02 grains per actual cubic foot of exhaust air.
- (6) The owner/operator shall control particulate matter (PM) emissions from Haul Roads (EU 39-1 through 39-4) by using best management practices (BMP) to minimize emissions. The owner/operator shall operate and maintain the haul roads in such a manner as to maintain compliance with Condition XX of this permit.
- (7) The owner/operator shall operate the emission units subject to the requirements of this permit in compliance with all applicable emission limits and emission control requirements (if any) established pursuant to the Federal Regulation(s) incorporated in paragraph (F) of this condition.

(C) Monitoring and Record Keeping Requirements.

- (1) The owner/operator shall demonstrate ongoing compliance with the opacity limit set forth in Condition XVI(C) of this permit as follows:
 - (a) Visible emissions surveys shall be conducted pursuant to the requirements of a valid operating permit at the frequency specified therein;
 - (b) Visible emission surveys shall be performed in accordance with applicable survey procedures established in a valid operating permit;
 - (c) Visible emissions surveys are not required during startups, shutdowns, malfunctions, or during load or performance testing; and
 - (d) Records of visible emission surveys shall be maintained in accordance with applicable record keeping procedures established in a valid operating permit.
- (2) The owner/operator shall calculate the quantity (in tons) of soybeans received on a monthly basis. The owner/operator shall combine the quantity of soybeans received during each calendar month with the quantity of soybeans received during the preceding eleven (11) calendar months to develop rolling twelve (12) month totals of soybeans received. The owner/operator shall maintain records of all monthly and rolling twelve (12) month soybean receiving totals calculated pursuant to this condition.
- (3) The owner/operator shall calculate the throughput quantity (in tons) of bleach clay (EU 19-1) and filter aid (EU 20-1) on a monthly basis. The owner/operator shall combine the respective quantity of each material used during each calendar month with the quantity used during the preceding eleven (11) calendar months to develop rolling twelve (12) month throughput totals of each material. The owner/operator shall maintain records of all monthly and rolling twelve (12) month material throughput totals calculated pursuant to this condition.
- (4) The owner/operator shall maintain a copy of the manufacturer's specifications and operating and maintenance procedures, or equivalent instructions that have been approved by the Department, for each required emission control device.
- (5) The owner/operator shall demonstrate compliance with paragraph (A)(7) of this condition by maintaining records of operation and maintenance of the emission units subject to the requirements of this permit, to include the following:
 - (a) Records documenting when routine maintenance and preventive actions were performed, with a description of the maintenance and/or preventive action performed.
 - (b) Records documenting equipment failures or malfunctions. Records shall include corrective action(s) taken and when corrections were made.
- (6) For each fabric filter dust collector (baghouse) and bin vent filter elected as a required emission control unit (refer to Attachment A of this permit), the owner/operator shall comply with the following requirements:
 - (a) Monitoring Requirements:
 - (i) The owner/operator shall perform weekly observations of the pressure differential indicator while the associated emission control unit is operating.
 - (ii) If an emission unit and associated emission control unit are not operated during a weekly monitoring period, then no pressure differential indicator observation is required for that period.
 - (iii) All required emission control units shall be thoroughly inspected at least once per quarter, or more frequently based on manufacturer recommendations.

- (iv) To determine whether each emission control unit is functioning properly, regular observations (at least once per week of emission control unit operation) shall be conducted to determine whether there are excessive leaks or noise, malfunctioning bag cleaning mechanisms, or other indications of poor performance requiring corrective action.
 - (b) Record Keeping Requirements:
 - (i) The instructions for each emission control unit shall be kept on-site and readily available to Department representatives.
 - (ii) The owner/operator shall maintain records of all required differential pressure indicator observations, to include the following:
 - 1. The name or identification of the individual(s) conducting each observation;
 - 2. The date and time of each observation; and
 - 3. The observed differential pressure value.
 - (iii) If the associated emission unit is not operated during the respective weekly monitoring period, the owner/operator shall indicate such period of non-operation in the records (e.g., logbook) for that emission unit and associated emission control unit.
 - (iv) The owner/operator shall maintain records of any corrective action(s) performed, maintenance activities, and/or repairs made to each required emission control unit.
 - (7) All records of required monitoring information shall include the following:
 - (a) The date and place as defined in the permit, and time of sampling or measurements;
 - (b) The date(s) analyses were performed;
 - (c) The company or entity that performed the analyses;
 - (d) The analytical techniques or methods used;
 - (e) The results of such analyses; and
 - (f) The operating conditions existing at the time of sampling or measurement.
 - (8) The owner/operator shall retain records of all required monitoring data, reports, and support information required by this permit for a period of at least sixty (60) months from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. These records shall be readily accessible and made available for inspection upon request by the Department.
 - (9) The owner/operator shall perform all required monitoring applicable to the emission units subject to the requirements of this permit (if any) established pursuant to the Federal Regulation(s) incorporated in paragraph (F) of this condition.
 - (10) The owner/operator shall perform all required record keeping applicable to the emission units subject to the requirements of this permit (if any) established pursuant to the Federal Regulation(s) incorporated in paragraph (F) of this condition. Required records shall be maintained in the form(s) required, and for the duration(s) established pursuant to the applicable Federal Regulation(s).
- (D) Notification and Reporting Requirements.
- (1) In accordance with the requirements set forth under Condition XI of this permit, the owner/operator shall report all emissions associated with the emission units subject to

the requirements of this permit on an annual basis. This report shall be submitted no later than March 31st of each year. This report shall include the following:

- (a) Total calendar year throughput associated with each emission unit included in Table 27-A2 and Attachment A of this permit; and
 - (b) Total calendar year emissions of PM₁₀ associated with each emission unit included in Table 27-A2 and Attachment A of this permit, as well as the emission factors used to calculate emissions.
 - (2) The owner/operator shall report the quantity (in tons) of soybeans received through EU 1-1 through 1-5 (Soybean Receiving) during each calendar quarter. This report shall indicate the total tons of soybeans received during each month and shall provide rolling twelve (12) month totals of soybeans received during each month in the calendar quarter. This report shall be submitted to the Department no later than thirty (30) days following the end of each calendar quarter.
 - (3) The owner/operator shall notify the Department of the following in accordance with the requirements set forth in Condition XXIII of this permit:
 - (a) Any malfunction in the pneumatic conveying system associated with EU 19-1 and EU 20-1 that results in fugitive dust emissions that remain visible beyond the property boundary; and
 - (b) Any malfunction of the emission controls associated with EU 19-1 and EU 20-1.
 - (4) Upon request by the Department, the owner/operator shall provide any and all throughput and emissions information for any period of twelve (12) consecutive months.
 - (5) In the event a required emission control device is not operating at any time the associated emission unit(s) is in operation, the Department shall be notified in accordance with the requirements set forth in Condition XXIII of this permit.
 - (6) The owner/operator of the source shall notify the Department of the actual date of anticipated initial startup of each independently operable emission unit, process, or group of equipment or emission units, and said notification shall be postmarked not more than sixty (60) days nor less than thirty (30) days prior to such date.
 - (7) The owner/operator shall submit all required notifications and reports applicable to the emission units subject to the requirements of this permit (if any) established pursuant to the Federal Regulation(s) incorporated in paragraph (F) of this condition.
- (E) Other Requirements.
- (1) Emissions from EU 19-1 (Bleaching Clay Silo) and EU 20-1 (Filter Aid Silo) shall be calculated using an emission factor of 0.4 pounds of PM₁₀ per ton of material throughput, and an emission control efficiency as established for each unit in Attachment A of this permit.
 - (2) Any modification of the construction permit application documents must have prior approval from the Department. The source shall provide all necessary information to validate the modification, including, but no limited to, additional engineering, modeling, and ambient air quality studies.
 - (3) The conditions set forth in this permit shall remain applicable requirements until such time that all emission units subject to the requirements of this permit are removed from the source, or until the owner/operator requests that the permit be nullified, and all permitted emission units are rendered inoperable.
 - (4) The owner/operator shall not make any modifications to emission units subject to the requirements of this permit and/or associated equipment that may increase emissions or

change dispersion characteristics without receiving written approval from the Department.

- (5) Any control or monitoring equipment that may be necessary for compliance with the LLCAPCPRS or any similar requirements of the Federal EPA shall be installed within the time period or by the date specified in the applicable rule or regulation.
 - (6) Holding of this permit does not relieve the owner/operator from the responsibility to comply with all applicable portions of the LLCAPCPRS and any other requirements under Local, State, or Federal law. Compliance with this permit shall not be a defense to any enforcement action for violation of an ambient air quality standard.
 - (7) Pursuant to Condition XXII(A) of this permit, the Director may require performance testing to demonstrate compliance with the process weight rate limits in LLCAPCPRS Article 2, Section 20, and/or the emission control efficiencies for the fabric filters and cyclone dust collectors incorporated as required emission controls in Attachment A of this permit. Such testing shall be performed in accordance with the applicable requirements in LLCAPCPRS Article 2, Section 34.
 - (8) Pursuant to the authority granted in Section 8.06.030 of the Lincoln Municipal Code (Chapter 8.06 – Air Pollution), upon presentation of credentials and other documents as may be required by law, the owner/operator shall allow the LLCHD or an authorized representative to perform the following:
 - (a) Enter and inspect or cause to be inspected, during reasonable hours, any building, facility, or place, except a building designed for and used exclusively for a private residence, as the Director deems necessary to determine compliance with the provisions of the LLCAPCPRS and to require the submission of air contaminant emission information in connection with such inspections, tests, and studies.
 - (b) Have access to existing and available records relating to emissions or discharges, which cause or contribute to air pollution or the monitoring of such emissions or discharges;
 - (c) Issue, modify, or revoke orders prohibiting or abating discharges of air pollutants, or requiring the construction of control systems or any parts thereof or the modification, extension, or adoption of other remedial measures to prevent, control, or abate air pollution.
 - (d) Conduct tests and take samples of air contaminants, fuel, process materials, or any other substance which affects or may affect discharges or emissions of air contaminants from any source, giving the owner or operator a receipt for the sample obtained.
 - (e) Issue, continue in effect, revoke, modify, or deny permits, under such conditions as the Director may prescribe and consistent with the Clean Air Act and the LLCAPCPRS.
- (F) Requirements of the New Source Performance Standard (NSPS) set forth in Title 40, Part 60 of the Code of Federal Regulations (40 CFR Part 60).
- (1) The owner/operator shall operate the emission units subject to the requirements of this permit in accordance with the applicable requirements set forth in 40 CFR Part 60, Subpart DD (NSPS for Grain Elevators). The owner/operator shall be responsible for identifying and maintaining compliance with all applicable provisions of Subpart DD, and shall maintain a record of equipment on-site that identifies equipment meeting the applicability criteria for an 'affected facility' pursuant to §60.300 of Subpart DD.

- (2) The owner/operator must comply with all applicable requirements of 40 CFR Part 60, Subpart A (General Provisions), as they relate to applicable requirements for the emission units subject to the requirements of this permit pursuant to 40 CFR Part 60, Subpart DD. The owner/operator shall be responsible for identifying and maintaining compliance with all applicable provisions of Subpart A.

END OF PERMIT CONDITIONS

Attachment A
Permitted Units, Limitations, and Required Control Equipment

EU #	Maximum Allowable Annual Processing Rates ^[1]	Emission Control Devices/Methods		PM ₁₀ Potential to Emit (tons/year)
		Control Type	Control Efficiency (%)	
1-1	2,136,000 tons	Baghouse	92.15	3.136
1-2		Baghouse	92.15	
1-3		Baghouse	92.15	
1-4		Baghouse	92.15	
1-5	75,000 tons	-	-	0.293
2-1	2,205,000 tons	Baghouse	95	3.749
2-2		Baghouse	95	
2-3	75,000 tons	-	-	1.275
3-1a	810,000 tons	-	-	22.275
3-1b	810,000 tons	Cyclone & Baghouse	98	0.275
3-2	166.65 MMcf ^[2]	-	-	0.633
4-1	2,205,000 tons	Baghouse	95	1.389 ^[3]
4-2		Baghouse	95	
4-3		Full Enclosure	90	
5-1	1,971,000 tons	Cyclone & Baghouse	98	0.570
5-2	48,600 tons	Cyclone	60	0.288
6-1	1,971,000 tons	Cyclone & Baghouse	98	0.570
6-2	48,600 tons	Cyclone	60	0.288
7-1	1,971,000 tons	Cyclone & Baghouse	98	0.539
8-1	1,971,000 tons	Baghouse	95	1.127
9-1	137,970 tons	Cyclone	60	0.454
10-1	1,971,000 tons	Baghouse	95	0.606
11-1	1,971,000 tons	Cyclone	60	4.862
11-2	1,971,000 tons	Cyclone	60	
12-1	1,971,000 tons	Baghouse	95	2.836
13-1	7,390 tons	Baghouse	95	0.074
14-1	1,505,640 tons	Baghouse	95	0.237
14-2		Baghouse	95	
14-3		Baghouse	95	
15-1	137,970 tons	Baghouse	95	0.022
16-1	59,130 tons	Baghouse	95	0.009
17-1	1,702,740 tons	Baghouse	95	2.324
17-2		Baghouse	95	
18-1	1,702,740 tons	Baghouse	95	3.187
18-2		Baghouse	95	
18-3	20,000 tons	-	-	0.078
18-4		-	-	
18-5	10,000 tons	-	-	0.018
18-6	75,000 tons	-	-	1.088

EU #	Maximum Allowable Annual Processing Rates ^[1]	Emission Control Devices/Methods		PM ₁₀ Potential to Emit (tons/year)
		Control Type	Control Efficiency (%)	
19-1	1,750 tons	Baghouse	95	0.018
20-1	1,750 tons	Baghouse	95	0.018
39-1	55,533 VMT ^[2]	-	-	4.628
39-2	80,412 VMT ^[2]	-	-	2.464
39-3	1,727 VMT ^[2]	-	-	1.759
39-4	1,341 VMT ^[2]	-	-	0.878
44-1	1,971,000 tons	Baghouse	95	0.936
44-2		Baghouse	95	
45-1	1,971,000 tons	Baghouse	95	0.936

^[1] For the purposes of this permit, the 'Maximum Allowable Annual Processing Rate' means the maximum allowable quantity the owner/operator may process, utilize, or consume during any period of twelve (12) consecutive months.

^[2] MMcf = million cubic feet; VMT = vehicle miles traveled

^[3] Emissions from the Soybean Storage emission units (4-1, 4-2, and 4-3) are based on the maximum combined throughput for all 3 emission units, and utilizing the emission factors and control efficiency for the 'worst case' (highest) emissions scenario associated with EU 4-3 (Soybean Flat Storage Building).

^[4] Emissions from the cooling towers were based on 8,760 operational hours per year. These process units have no emission limitations.