

217/782-2113

"REVISED"
TITLE V - CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT
and
TITLE I PERMIT¹

PERMITTEE

Solae LLC
Attn.: Mark Sheppard
124 South Route 47, P.O. Box 112
Gibson City, Illinois 60936

<u>Application No.:</u> 96010008	<u>I.D. No.:</u> 053803AAB
<u>Applicant's Designation:</u>	<u>Date Received:</u> January 5, 1996
<u>Operation of:</u> Soybean Processor	
<u>Date Issued:</u> September 4, 2002	<u>Expiration Date²:</u> September 4, 2007
<u>Source Location:</u> 124 South Route 47, Gibson City, Ford County	
<u>Responsible Official:</u> Michael P. Sullivan, Plant Manager	

This permit is hereby granted to the above-designated Permittee to operate a Soybean Processor, pursuant to the above referenced permit application. This permit is subject to the conditions contained herein.

Revision Date Received: October 10, 2002
Revision Date Issued: December 17, 2003
Purpose of Revision: Administrative Amendment, pursuant to Section 39.5(13) of the Act

This administrative amendment adds clarifying language to the emission limits and compliance procedures. Because the changes in the permit were only administrative, no formal public notice was issued.

This document only contains those portions of the entire CAAPP permit that have been revised as a result of this administrative amendment. If a conflict exists between this document and previous versions of the CAAPP permit, this document supersedes those terms and conditions of the permit for which the conflict exists. The previous permit issued April 28, 2003 is incorporated herein by reference.

Please attach a copy of this amendment and the following revised pages to the front of the most recently issued entire permit.

If you have any questions concerning this permit, please contact Jonathan Sperry at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:JS:psj

cc: Illinois EPA, FOS, Region 3
USEPA

¹ This permit may contain terms and conditions which address the applicability, and compliance if determined applicable, of Title I of the Clean Air Act and regulations promulgated thereunder, including 40 CFR 52.21 - federal Prevention of Significant Deterioration (PSD) and 35 IAC Part 203 - Major Stationary Sources Construction and Modification. Any such terms and conditions are identified within the permit.

² Except as provided in condition 8.7 of this permit.

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1.0 SOURCE IDENTIFICATION

1.1 Source

Solae LLC
124 South Route 47
Gibson City, Illinois 60936
217/784-8261

I.D. No.: 053803AAB
Standard Industrial Classification: 2075, Soybean Oil Mills

1.2 Owner/Parent Company

Solae LLC
1034 Danforth Drive
St. Louis, Missouri 63102

1.3 Operator

Solae LLC
124 South Route 47, P.O. Box 112
Gibson City, Illinois 60936

Mark Sheppard
217/784-8261

1.4 General Source Description

Solae LLC is located at 124 south Route 47 in Gibson City. The source receives soybeans, mills and grinds soybeans, and extracts soybean oil. In addition, the source operates a protein products process.

2.0 LIST OF ABBREVIATIONS/ACRONYMS USED IN THIS PERMIT

Act	Environmental Protection Act [415 ILCS 5/1 et seq.]
ACMA	Alternative Compliance Market Account
AP-42	Compilation of Air Pollution Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27717
ASTM	American Society for Testing and Materials
ATU	Allotment Trading Unit
BAT	Best Available Technology
Btu	British thermal unit
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAAPP	Clean Air Act Permit Program
CAM	Compliance Assurance Monitoring
cfm	cubic feet per minute
CFR	Code of Federal Regulations
CO	Carbon Monoxide
dscf	dry standard cubic feet
dscm	dry standard cubic meters
ERMS	Emissions Reduction Market System
°F	degrees Fahrenheit
FIRE	Factor Information Retrieval System, Version 5.0, Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants (EPA-454/R-95-012), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27717
ft ³	cubic foot
g	grams
gal	gallon
gr	grains
HAP	Hazardous Air Pollutants
hr	hour
IAC	Illinois Administrative Code
I.D. No.	Identification Number of Source, assigned by Illinois EPA
ILCS	Illinois Compiled Statutes
Illinois EPA	Illinois Environmental Protection Agency
kg	kilogram
kPa	kilopascal
kW	kilowatt
l	liter
LAER	Lowest Achievable Emission Rate
lb	pound
m ³	cubic meter
MACT	Maximum Achievable Control Technology
Mft ³	Million cubic feet
Mg	Metric Tonnes or Megagrams
mmBtu	Million British thermal units
mo	month
MW	Megawatts
NESHAP	National Emission Standards for Hazardous Air Pollutants

NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards
PM	Particulate Matter
PM ₁₀	Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns as measured by applicable test or monitoring methods
ppm	parts per million
PSD	Prevention of Significant Deterioration
psi	pound per square inch
RMP	Risk Management Plan
SCC	Source Classification Code
scf	standard cubic feet
SIC	Standard Industrial Classification
SO ₂	Sulfur Dioxide
T	Ton
T1	Title I - identifies Title I conditions that have been carried over from an existing permit
T1N	Title I New - identifies Title I conditions that are being established in this permit
T1R	Title I Revised - identifies Title I conditions that have been carried over from an existing permit and subsequently revised in this permit
TANKS	USEPA Emission Estimating Program for Storage Tanks
tpy	tons per year
TOC	Total Organic Compounds
USEPA	United States Environmental Protection Agency
VOL	Volatile Organic Liquid
VOM	Volatile Organic Material
VPL	Volatile Petroleum Liquid
Wt	Weight
yr	Year

3.0 INSIGNIFICANT ACTIVITIES

3.1 Identification of Insignificant Activities

The following activities at the source constitute insignificant activities as specified in 35 IAC 201.210:

- 3.1.1 Activities determined by the Illinois EPA to be insignificant activities, pursuant to 35 IAC 201.210(a)(1) and 201.211, as follows:

None

- 3.1.2 Activities that are insignificant activities based upon maximum emissions, pursuant to 35 IAC 201.210(a)(2) or (a)(3), as follows:

Parts Cleaner
Soybean Storage Bin Vents
11,600 Gallon Ethanol Storage Tank
Soybean Oil Storage Tanks (75,000 and 200,000 Gallons)
Degummed Oil Storage Tanks (5,200, 150,000, 200,000, 240,000, and 3,000,000 Gallon)
Solubles Storage Tanks (110,000 and 150,000 Gallons)
Soya Sludge Tanks (566 and 1365 Gallons)
10,200 Gallon Lecithin Storage Tank

- 3.1.3 Activities that are insignificant activities based upon their type or character, pursuant to 35 IAC 201.210(a)(4) through (18), as follows:

Storage tanks of organic liquids with a capacity of less than 10,000 gallons and an annual throughput of less than 100,000 gallons per year, provided the storage tank is not used for the storage of gasoline or any material listed as a HAP pursuant to Section 112(b) of the CAA [35 IAC 201.210(a)(10)].

Storage tanks of any size containing virgin or re-refined distillate oil, hydrocarbon condensate from natural gas pipeline or storage systems, lubricating oil, or residual fuel oils [35 IAC 201.210(a)(11)].

Gas turbines and stationary reciprocating internal combustion engines of between 112 kW and 1,118 kW (150 and 1,500 horsepower) power output that are emergency or standby units [35 IAC 201.210(a)(16)].

Storage tanks of any size containing exclusively soaps, detergents, surfactants, glycerin, waxes, vegetable oils, greases, animal fats, sweeteners, corn syrup, aqueous salt solutions, or aqueous caustic solutions, provided an organic solvent has

not been mixed with such materials [35 IAC 201.210(a)(17)].

3.1.4 Activities that are considered insignificant activities pursuant to 35 IAC 201.210(b).

3.2 Compliance with Applicable Requirements

Insignificant activities are subject to applicable requirements notwithstanding status as insignificant activities. In particular, in addition to regulations of general applicability, such as 35 IAC 212.301 and 212.123 (Condition 5.2.2), the Permittee shall comply with the following requirements, as applicable:

3.2.1 For each cold cleaning degreaser, the Permittee shall comply with the applicable equipment and operating requirements of 35 IAC 215.182, 218.182, or 219.182.

3.2.2 For each particulate matter process emission unit, the Permittee shall comply with the applicable particulate matter emission limit of 35 IAC 212.321 or 212.322. For example, the particulate matter emissions from a process emission unit shall not exceed 0.55 pounds per hour if the emission unit's process weight rate is 100 pounds per hour or less, pursuant to 35 IAC 266.110.

3.2.3 For each organic material emission unit that uses organic material, e.g., a mixer or printing line, the Permittee shall comply with the applicable VOM emission limit of 35 IAC 215.301, 218.301, or 219.301, which requires that organic material emissions not exceed 8.0 pounds per hour or do not qualify as photochemically reactive material as defined in 35 IAC 211.4690.

3.3 Addition of Insignificant Activities

3.3.1 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type that is identified in Condition 3.1, until the renewal application for this permit is submitted, pursuant to 35 IAC 201.212(a).

3.3.2 The Permittee must notify the Illinois EPA of any proposed addition of a new insignificant activity of a type addressed by 35 IAC 201.210(a) and 201.211 other than those identified in Condition 3.1, pursuant to Section 39.5(12)(b) of the Act.

3.3.3 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type identified in 35 IAC 201.210(b).

4.0 SIGNIFICANT EMISSION UNITS AT THIS SOURCE

Emission Unit	Description	Date Constructed	Emission Control Equipment
1B, 2B, 3B, 4B, 5B, 6B, 7B, 8B, 9B, 10B, 11B, 12B	Flour Storage Bins (Protein Products Process)	1962 - 1978	#3 Bin Pulsaire (3BP), #4 Bin Cyclone (4BC), #5 Bin Pulsaire (5BP), #6 Bin Pulsaire (6BP), #7 Bin Pulsaire (7BP), #8 Bin Cyclone (8BC), #9 Bin Cyclone (9BC), #10 Bin Filter (10BF), #11 Bin Cyclone (11BC), #12 Bin Filter (12BF), Day Dust Collector (DDC), and North and Center Packing Bins Filter (N/CPBF)
1C	#1 Cooler (Protein Products Process)	1974	#1 Cooler Exhaust Cyclone (1CEC), #1 Sample Cyclone (1SC), #1 Extruder Fines Filter (1EFF), #1 Receiving Cyclone (1RC), and Extrusion General Aspiration Filter (EGAF)
1D, 2D	#1 and #2 Dryers	1974, 1985	#1 Dryer Exhaust Cyclone (1DEC) and #2 Dryer Exhaust Cyclone (2DEC)
1E, 2E	#1 and #2 Soy Flour Extruders (Protein Products Process)	1995 and 1999	#1 Extruder Product Cyclone (1EPC) and #2 Extruder Product Cyclone (2EPC)
1F/C, 2F/C	#1 and #2 Fitzmills/Comitrols (Protein Products Process)	1997, 1998	#1 Cut Extruder Product Cyclone (1CEPC) and #2 Cut Extruder Product Cyclone (2CEPC)
1MD, 2MD	#1 and #2 Metal Detectors (Protein Products Process)	1998	Extrusion General Aspiration Filter (EGAF)
1PB, 2PB	#1 and #2 Extruded Soy Flour and Soy Concentrate Packing Bins (Protein Products Process)	1985	Extrusion General Aspiration Filter (EGAF)

Emission Unit	Description	Date Constructed	Emission Control Equipment
1R, 2R	#1 and #2 Rotex Separators (Protein Products Process)	1985	#1 Extruder Delivery Cyclone (1EDC) and #1 Extruder Fines Filter (1EFF)
1RB, 2RB	#1 and #2 Rotex Rejects Storage Bins	1985	#1 Extruder Delivery Cyclone (1EDC) and #1 Extruder Fines Filter (1EFF)
1WB, 1EB	#1 East and West Fines Storage Bins (Protein Products Process)	1974	#1 Extruder Fines Filter (1EFF)
2C	#2 Cooler (Protein Products Process)	1984	#2 Cooler Exhaust Cyclone (2CEC), #2 Receiving Cyclone (2RC), and Extrusion General Aspiration Filter (EGAF)
2FB	#2 Soy Fines Storage Bin (Protein Products Process)	1985	#2 Extruder Delivery Cyclone (2EDC), and Extrusion General Aspiration Filter (EGAF)
9BB	#9 Bin Bagger (Protein Products Process)	1971	Day Dust Collector (DDC)
13B	#13 Soy Flour and Concentrate Storage Bin (Protein Products Process)	1974	#13 Bin Filter (13BF)
14B, 14BS	#14 Soy Flour and Concentrate Storage Bin and #14 Bin Spouting (Protein Products Process)	1985	#14 Bin Filter (14BF), #2 Extruder Delivery Cyclone (2EDC), and Extrusion General Aspiration Filter (EGAF)
20/60OF	20/60 Overs Fitzmill (Milling/Preparation Operations)	Unknown	20/60 Overs Fitzmill Cyclone (20/60OFC), Meal Filter (MF-2), 20/60 Finished Product Cyclone (20/60PFC) and Day Dust Collector (DDC)
20/60SS	20/60 System Screener (Milling/Preparation Operations)	Unknown	Recycle System Cyclone (RSC), Grinding Aspiration Baghouse (GAB), and Meal Filter (MF-2)
#106	19,600 Gallon Hexane Storage Tank (Tank #106)	1998	None

Emission Unit	Description	Date Constructed	Emission Control Equipment
ABB	Soy Flour and Concentrate (Add Back) Storage Bin (Protein Products Process)	1987	Add Back Bin Pulsaire (ABBP)
AR, BR, AK, BK	"A" and "B" Rotexes and Kices (Milling/Preparation Operations)	1982	Fiber Filter (FF-1)
B-1	Natural Gas-Fired Boiler (135 mmBtu/hr)	October, 1970	None
BANKS	#3 & #4 Banks (Milling/ Preparation Operations)	1958	White Flakes Cyclone (WFC) and Meal Filter (MF-2)
BB5, BB6, BB7	Belmond Bins #5,6,7 (Milling/Preparation Operations)	1981	SBOM Loadout Filter (SLF)
BFL	Bulk Flour Loadout Area (Protein Products Process)	1982	Bulk Flour Loadout Filter (BFLF)
BML, CBL, RFC(2)	Belmond Meal Leg, Cracked Bean Leg, Raw Flake Conveyors (Milling/ Preparation Operations)	1981	HE 33 Cyclone (33C) and Meal Filter (MF-2)
BM&M	Screeners (Milling/Preparation Operation)	1997	Meal Filter (MF-2)
BM&M1	Screener and Kice (Milling/Preparation Operation)	1982, 1999	Hulls Cyclone (HC) and Fiber Filter (FF-1)
BPS, CRS	B-Product Sweco and C-Product Sweco (Milling/ Preparation Operations)	Unknown	20/60 System Receiving Cyclone (20/60SRC), Grinding Aspiration Baghouse (GAB), and Meal Filter (MF-2)
CBCR	Clean Bean Cracking Roll Conveyor (Milling/Preparation Operations)	Prior to June, 1968	Clean Bean Mikro Pulsaire (CBMP)
CR	Cracking Rolls (Milling/Preparation Operations)	1947	Fiber Filter (FF-1)
DRBB	Dump Room Bag Breaker (Protein Products Process)	Unknown	Day Dust Collector (DDC)
EMG, WMG	Meal Grinders (Milling/ Preparation Operations)	February, 1991	Meal Filter (MF-2)

Emission Unit	Description	Date Constructed	Emission Control Equipment
ESC	Elevator Screenings Conveying (Milling/Preparation Operations)	Unknown	Screenings Cyclone (SC) and Fiber Filter (FF-1)
FPS, FPC	Fines Product Scale and Fines Product Conveyor (Protein Products Process)	1985	#1 Extruder Fines Filter (1EFF)
FR(3)	Flaking Rolls (3) (Milling/Preparation Operations)	1988, 1993	Clean Bean Flake Conveying Cyclones (2) (CBFCC(2)) and Meal Filter (MF-2)
FR(5)	Flaking Rolls (5) (Milling/Preparation Operations)	Unknown	Meal Filter (MF-2)
G-1	#1 Grinder (Concentrate Grinding)	Unknown	#1 Grinder Pulsaire (G-1P)
G-2	#2 Grinder (Concentrate Grinding)	Unknown	#2 Grinder Pulsaire (G-2P)
G-3	#3 Grinder (Concentrate Grinding)	Unknown	#3 Grinder Pulsaire (G-3P)
G-4	#4 Grinder (Concentrate Grinding)	1971	#4 Grinder Pulsaire (G-4P)
G-5	#5 Grinder (Concentrate Grinding)	1972	#5 Grinder Pulsaire (G-5P)
G-1B, G-2B, G-3B, G-4B, G-5B, 145SB	#1-#5 Grinder Bins and #1,4,5 Surge Bin (Milling/Preparation Operations)	Unknown	Grinding Aspiration Baghouse (GAB) and Meal Filter (MF-2)
G-6	#6 Grinder (White Flake Grinding)	Unknown	#6 Grinder Pulsaire (G-6P)
G-6B, 23SB	#6 Grinder Bin and #2,3 Surge Bin (Milling/Preparation Operations)	Unknown	Meal Filter (MF-2)

Emission Unit	Description	Date Constructed	Emission Control Equipment
GRAIN RECEIVING	Grain Receiving (Elevator comprised of two (2) truck dump pits, one (1) rail dump pit, one column dryer, internal transfer of grain via open belts, enclosed belts, conveyors and spouting, legs, cleaning, screening, blowers, grinders, rotary mills, scales, and enclosed loadout)	January 10, 1947 (Some Units Modified after August 3, 1978)	Oil Suppression System, Cyclones, Distribution Floor Filter (RJ-1), Meal Return Filter (RJ-2), West Unit Filter (RJ-3), North Unit Filter (RJ-4), North ½ Unit Filter (RJ-5), Dump Pit Filter (RJ-6), Dryer Screen Louvers (DSL-1, DSL-2), and Millfeed Filter (MF-1)
IVV	Internal Vacuum (Cleaning) Systems (Protein Products Process)	February, 1967	Textured Vacuum System Filters (TVSF1, TVSF2) and South Vacuum System Filter (SVSF)
KUS	Kaolin Unloading Spout (Milling/Preparation Operations)	August, 1970	Kaolin Unloading Filter (FUF)
MM-1	Millfeed Megamill (Milling/ Preparation Operations)	January, 1990	Millfeed Cyclone (MC) and Fiber Filter (FF-1)
MSH, 6/8SB	80 Mesh Surge Hopper, 6 and 8 Surge Bins (Milling/ Preparation Operations)	Unknown	Meal Filter (MF-2)
N/CPBB	North and Center Packing Bin Baggers (Black Diamond Packers, Protein Products Process)	1977	Day Dust Collector (DDC)
NPB, CPB	North and Center Packing Bins (Protein Products Process)	1977	North and Center Packing Bins Filter (N/CPBF)
PMRB, PMRC	Promosoy "B" and "C" Mine Runs (Milling/Preparation Operations)	Unknown	Reject Cyclone (RC) and Meal Filter (MF-2)
PPR	Protein Products Rejects (Milling/Preparation Operations)	Unknown	Reject Cyclone (RC) and Meal Filter (MF-2)
PWFRS	Promosoy White Flake Reject System (Milling/Preparation Operations)	Unknown	Promosoy Aspiration Cyclone (PAC) and Meal Filter (MF-2)

Emission Unit	Description	Date Constructed	Emission Control Equipment
RJB	Reject Bin (Milling/Preparation Operations)	Unknown	Meal Filter (MF-2)
RLC	Railcar Loadout Spout (Milling/Preparation Operations)	May, 1993	Truck Loadout Filter (TLF)
RMB	Reject Milling Storage Bin (Protein Products Process)	1985	South Reject Filter (SRF) and Extrusion General Aspiration Filter (EGAF)
RRL	Railroad Loadout (Milling/Preparation Operations)	Unknown	Truck Loadout Filter (TLF)
RT	Reject Toaster (Milling/Preparation Operations)	Unknown	Toaster Cyclone (TC) and Meal Filter (MF-2)
R-10 through S-11	Hexane Extraction Process	Last Modified: 1992	DTDC Dryer Cyclones #1 and #2, DTDC Cooler Cyclone and Mineral Oil Column Adsorption System
S-10	Alcohol Extraction System (Concentrate Process comprised of two (2) extractors, multipass elutriators, tanks, pumps, vessels, airlocks, blower and related piping, bin storage, internal transfer via conveyor, evaporators, separators, pumps, heaters, condensers, desolventizing, solubles loading, screening, fans, and cooling towers)	Last Modified: 1995	Primary and Secondary Absorption System (T-10), Mine Run B Convey Cyclone (S-11), Mine Run C Convey Cyclone (S-12), White Flake Convey Cyclone (S-11), and Classifier Convey Cyclone (S-12)
SP, SPS	Soy Flour and Soy Concentrate Packer and Scale (Protein Products Process)	1998	Bag Packer Filter (BPF)
Tank #1	500 Gallon Gasoline Storage Tank	Unknown	None
TL1	Truck Loadout (Milling/Preparation Operations)	Unknown	Truck Loadout Filter (TLF)

Emission Unit	Description	Date Constructed	Emission Control Equipment
TLS	Truck Loadout Spout (Milling/Preparation Operations)	May, 1993	Truck Loadout Filter (TLF)
WBD	Whole Bean Distributor (Milling/Preparation Operations)	Unknown	Fiber Filter (FF-1)
WBK, WBR	Whole Bean Kice and Rotex (Milling/Preparation Operations)	1982	Whole Bean Cyclone (WBC) and Fiber Filter (FF-1)
WBS	Whole Bean Scale (Milling/ Preparation Operations)	Unknown	Fiber Filter (FF-1)
WFB8	White Flakes Bin #8 (Milling/Preparation Operations)	Unknown	#8 Bin Filter (8BF) and Meal Filter (MF-2)
Fugitive PM Emissions	Paved and Unpaved Roadways and Gravel Storage Piles	-	None

5.0 OVERALL SOURCE CONDITIONS

5.1 Source Description

5.1.1 This permit is issued based on the source requiring a CAAPP permit as a major source of PM, VOM, and HAP emissions.

5.2 Applicable Regulations

5.2.1 Specific emission units at this source are subject to particular regulations as set forth in Section 7 (Unit-Specific Conditions) of this permit.

5.2.2 In addition, emission units at this source are subject to the following regulations of general applicability:

a. No person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally overhead at a point beyond the property line of the source unless the wind speed is greater than 40.2 kilometers per hour (25 miles per hour), pursuant to 35 IAC 212.301 and 212.314.

Compliance with this requirement is considered to be assured by the inherent nature of operations at this source, as demonstrated by historical operation.

b. No person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to the requirements of 35 IAC 212.122, pursuant to 35 IAC 212.123(a), except as allowed by 35 IAC 212.123(b) and 212.124.

5.2.4 Ozone Depleting Substances

The Permittee shall comply with the standards for recycling and emissions reduction of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

5.2.5 Risk Management Plan

Should this stationary source, as defined in 40 CFR Section 68.3, become subject to the Accidental Release Prevention regulations in 40 CFR Part 68, then the owner or operator shall submit [40 CFR 68.215(a)(2)(i) and (ii)]:

- a. A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR 68.10(a); or
- b. A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan (RMP), as part of the annual compliance certification required by 40 CFR Part 70 or 71.

- 5.2.6 a. Should this stationary source become subject to a regulation under 40 CFR Parts 60, 61, or 63, or 35 IAC after the date issued of this permit, then the owner or operator shall, in accordance with the applicable regulation(s), comply with the applicable requirements by the date(s) specified and shall certify compliance with the applicable requirements of such regulation(s) as part of the annual compliance certification, as required by 40 CFR Part 70 or 71.
- b. No later than upon the submittal for renewal of this permit, the owner or operator shall submit, as part of an application, the necessary information to address either the non-applicability of, or demonstrate compliance with all applicable requirements of any potentially applicable regulation which was promulgated after the date issued of this permit.
- c. This stationary source is subject to the NESHAP for Solvent Extraction for Vegetable Oil Production, 40 CFR 63 Subparts A and GGGG because, pursuant to 40 CFR 63.2831(a), the source owns or operates a vegetable oil production process that is a major source of HAP emissions and processes soybean oilseeds. The Permittee shall comply with the applicable requirements of such regulation by the date(s) specified in such regulation and shall

certify compliance with the applicable requirements of such regulation as part of the annual compliance certification required by 40 CFR Part 70 or 71 beginning in the year that compliance is required under a final and effective rule.

5.2.7 Episode Action Plan

- a. If the source is required to have an episode action plan pursuant to 35 IAC 244.142, the Permittee shall maintain at the source and have on file with the Illinois EPA a written episode action plan (plan) for reducing the levels of emissions during yellow alerts, red alerts, and emergencies, consistent with safe operating procedures. The plan shall contain the information specified in 35 IAC 244.144.
- b. The Permittee shall immediately implement the appropriate steps described in this plan should an air pollution alert or emergency be declared.
- c. If a change occurs at the source which requires a revision of the plan (e.g., operational change, change in the source contact person), a copy of the revised plan shall be submitted to the Illinois EPA for review within 30 days of the change. Such plans shall be further revised if disapproved by the Illinois EPA.
- d. For sources required to have a plan pursuant to 35 IAC 244.142, a copy of the original plan and any subsequent revisions shall be sent to:
 - i. Illinois EPA, Compliance Section; and
 - ii. For sources located in Cook County and outside of the city of Chicago: Cook County Department of Environmental Control; or
 - iii. For sources located within the city of Chicago: Chicago Department of Environmental Control.

5.3 Non-Applicability of Regulations of Concern

None

5.4 Source-Wide Operational and Production Limits and Work Practices

In addition to the source-wide requirements in the Standard Permit Conditions in Section 9, the Permittee shall fulfill the following source-wide operational and production limitations and/or work practice requirements:

None

5.5 Source-Wide Emission Limitations

5.5.1 Permitted Emissions for Fees

The annual emissions from the source, not considering insignificant activities as addressed by Section 3.0 of this permit, shall not exceed the following limitations. The overall source emissions shall be determined by adding emissions from all emission units. Compliance with these limits shall be determined on a calendar year basis. These limitations (Condition 5.5.1) are set for the purpose of establishing fees and are not federally enforceable.

Permitted Emissions of Regulated Pollutants

Pollutant	Tons/Year
Nitrogen Oxides (NO _x)	61.112
Particulate Matter (PM)	271.340
Sulfur Dioxide (SO ₂)	1.524
Volatile Organic Material (VOM)	1,477.463
HAP, not included in VOM or PM	-----
Total	1,811.439

5.5.2 Emissions of Hazardous Air Pollutants

Source-wide emission limitations for HAPs as listed in Section 112(b) of the CAA are not set. This source is considered to be a major source of HAPs.

5.5.3 Other Source-Wide Emission Limitations

- a. The annual emissions from the source shall not exceed the limitations established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4). In the event that there are conflicting provisions in the incorporated State Construction and Operating Permits, the most recently issued permit conditions shall apply.
- b. The limitations in the State Construction and Operating Permits were established pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permits do not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].
- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the

current month plus the preceding 11 months (running 12 month total) [T1].

5.6 General Recordkeeping Requirements

5.6.1 Emission Records

The Permittee shall maintain records of the following items for the source to demonstrate compliance with Condition 5.5.1, pursuant to Section 39.5(7)(b) of the Act:

Total annual emissions on a calendar year basis for the emission units covered by Section 7 (Unit Specific Conditions) of this permit.

5.6.2 General Recordkeeping Requirements for the NESHAP for Solvent Extraction for Vegetable Oil Production

The source is subject to the applicable recordkeeping requirements of 40 CFR 63.2862 and 63.2863. These regulations are attached hereto and incorporated herein by reference (see Attachment 2).

5.6.3 General Records for Fugitive Emissions from Road Dust

- a. The Permittee shall maintain a record of the maximum aggregate annual emissions of fugitive PM from the traffic areas at the source (i.e., road dust) estimated based on the applicable emission factors and formulas specified by Condition 5.9.3, with supporting calculations, so as to demonstrate compliance with the limits in Condition 5.5.
- b. This record shall be updated upon construction of additional roadways or parking areas or other permanent change to the source, that alters the maximum aggregate emissions of PM.

5.6.4 Records of Fugitive Emissions from Gravel Storage Piles

- a. The Permittee shall maintain a record of the maximum aggregate annual emissions of fugitive PM from gravel storage piles at the source estimated based on the applicable emission factors and formulas specified by Condition 5.9.4, with supporting calculations, so as to demonstrate compliance with the limits in Condition 5.5.
- b. This record shall be updated upon addition of new gravel storage piles or other permanent change to the source, that alters the maximum aggregate emissions of PM.

5.6.5 Retention and Availability of Records

- a. All records and logs required by this permit shall be retained for at least five years from the date of entry (unless a longer retention period is specified by the particular recordkeeping provision herein), shall be kept at a location at the source that is readily accessible to the Illinois EPA or USEPA, and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request.
- b. The Permittee shall retrieve and print, on paper during normal source office hours, any records retained in an electronic format (e.g., computer) in response to an Illinois EPA or USEPA request for records during the course of a source inspection.

5.7 General Reporting Requirements

5.7.1 General Source-Wide Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the source with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken.

5.7.2 Annual Emissions Report

The annual emissions report required pursuant to Condition 9.7 shall contain emissions information for the previous calendar year.

5.7.3 General Reporting Requirements for the NESHAP for Solvent Extraction for Vegetable Oil Production

The source is subject to the applicable notification and reporting requirements of 40 CFR 63.2860 and 2861. These regulations are attached hereto and incorporated herein by reference (see Attachment 2).

5.8 General Operational Flexibility/Anticipated Operating Scenarios

N/A

5.9 General Compliance Procedures

5.9.1 General Procedures for Calculating Emissions

Compliance with the source-wide emission limits specified in Condition 5.5 shall be based on the recordkeeping and reporting requirements of Conditions 5.6 and 5.7 and the use of USEPA approved emissions estimating guidance.

5.9.2 General Compliance Procedures for the NESHAP for Solvent Extraction for Vegetable Oil Production

The source is subject to the applicable compliance procedures in 40 CFR 63.2850, 63.2853, 63.2854, and 63.2855. These regulations have been incorporated into Attachment 2.

5.9.3 General Procedures for Calculating Fugitive Emissions from Roadways

- a. For the purpose of estimating fugitive PM emissions from the paved roadways at the source, the emission factors and formulas in Sections 13.2.1 of AP-42, Volume I, Fifth Edition, Supplement D, October, 1997 are acceptable.
- b. For the purpose of estimating fugitive PM emissions from the unpaved roadways at the source, the emission factors and formulas in Sections 13.2.2 of AP-42, Volume I, Fifth Edition, Supplement E, September, 1998 are acceptable.

5.9.4 General Procedures for Calculating Fugitive Emissions from Gravel Storage Piles

For the purpose of estimating fugitive PM emissions from the gravel storage piles at the source, the emission factors and formulas in Sections 13.2.4 of the AP-42, Volume I, Supplement F, January, 1995 are acceptable.

6.0 NOT APPLICABLE TO THIS PERMIT

7.0 UNIT SPECIFIC CONDITIONS

- 7.1 Unit GRAIN RECEIVING Grain Receiving (Elevator)
 Controls RJ, DSL, MF Oil Suppression System, Cyclones, and
 Filters

7.1.1 Description

Soybeans received at the facility by truck or rail are sampled and analyzed for moisture content, foreign matter, and damaged seeds. Then the beans are weighed and conveyed to large concrete silos or metal tanks for storage prior to processing. When the facility is ready to process the soybeans, the beans are removed from the silo or tank and cleaned of foreign materials and loose hulls. Screens typically are used to remove foreign materials such as sticks, stems, pods, tramp metal, sand, and dirt. An aspiration system is used to remove loose hulls from the soybeans; these hulls may be combined later with hulls from the dehulling aspiration step. The beans are passed through dryers to reduce their moisture content to approximately 10 to 11 percent by weight and then are conveyed to process bins for temporary storage and tempering for 1 to 5 days in order to facilitate dehulling.

7.1.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
GRAIN RECEIVING	Grain Receiving (Elevator comprised of two (2) truck dump pits, one (1) rail dump pit, one column dryer, internal transfer of grain via open belts, enclosed belts, conveyors and spouting, legs, cleaning, screening, blowers, grinders, rotary mills, scales, and enclosed loadout)	Oil Suppression System, Cyclones, Distribution Floor Filter (RJ-1), Meal Return Filter (RJ-2), West Unit Filter (RJ-3), North Unit Filter (RJ-4), North ½ Unit Filter (RJ-5), Dump Pit Filter (RJ-6), Dryer Screen Louvers (DSL-1, DSL-2), and Millfeed Filter (MF-1)

7.1.3 Applicability Provisions and Applicable Regulations

- a. The elevator described in Condition 7.1.2 is an "affected grain handling operation" for the purpose of these unit-specific conditions.
- b. The affected grain handling operation is subject to the emission limits identified in Condition 5.2.2.

- c. Only the portions of the affected grain handling operation identified in state permits 93030081, 94030086, and 96020022 (See Attachment 4) as affected facilities as defined under 40 CFR 60.301 are subject to the NSPS for Grain Elevators, 40 CFR 60 Subparts A and DD. The affected grain handling operation is grain storage elevator, as defined under 40 CFR 60.301(f), and modification of the affected grain handling operation commenced after August 3, 1978. The Illinois EPA is administering NSPS in Illinois on behalf of the USEPA under a delegation agreement. This regulation is attached hereto and incorporated herein by reference (see Attachment 1).
- d. The affected grain handling operation is subject to 35 IAC Part 212 Subpart S, Visible and Particulate Matter Emissions from Agriculture. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- e. The dryers associated with the affected grain handling operation are subject to 35 IAC Part 214 Subpart K, Sulfur Limitations from Process Emission Sources. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- f. The dryers associated with the affected grain handling operation are subject to 35 IAC Part 215 Subpart K, Organic Material Emission Standards and Limitations for the Use of Organic Material. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).

7.1.4 Non-Applicability of Regulations of Concern

- a. 35 IAC 212.302(a), 212.321, and 212.322 shall not apply to grain-handling and grain-drying operations, portable grain-handling equipment and one-turn storage space [35 IAC 212.461(a)].
- b. The affected grain handling operation is not subject to 35 IAC 212.324, Process Emission Units In Certain Areas, and 35 IAC 212.464, Agriculture Sources in Certain Areas, because the source is not located in a non-attainment area for PM₁₀, as identified in 35 IAC 212.324(a)(1).

7.1.5 Operational and Production Limits and Work Practices

- a. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate the affected grain handling operation including associated air pollution control equipment 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 Illinois EPA or USEPA which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source [40 CFR 60.11(d)].

- b. The Permittee shall follow good operating practices for the oil suppression system, cyclones, and filters, including periodic inspection, routine maintenance and prompt repair of defects.

7.1.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected grain handling operation is subject to the following:

- a. The affected grain handling operation is subject to emission limitations established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (See Attachment 4). In the event that there are conflicting provisions in the incorporated State Construction and Operating permits, the most recently issued permit conditions shall apply.
- b. The limitations in the State Construction and Operating Permits were established pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permits do not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].
- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

7.1.7 Testing Requirements

- a. The affected grain handling operation is subject to the applicable testing requirements in 40 CFR 60.303. This regulation is attached hereto and incorporated herein by reference (see Attachment 1).
- b. The affected grain handling operation is subject to the applicable testing requirements in 35 IAC Part

212 Subpart A. This regulation is attached hereto and incorporated herein by reference (See Attachment 3).

- c. The affected grain handling operation is subject to the applicable testing requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).

7.1.8 Monitoring Requirements

None

7.1.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected grain handling operation to demonstrate compliance with Conditions 5.5.1, 7.1.3, and 7.1.6, pursuant to Section 39.5(7)(b) of the Act:

- a. The affected grain handling operation is subject to the applicable recordkeeping requirements in 35 IAC Part 212, Subparts A and S. These regulations are attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected grain handling operation is subject to the applicable recordkeeping requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).
- c. Records addressing use of good operating practices for the oil suppression system, cyclones, and filters:
 - i. Records for periodic inspection of the oil suppression system, cyclones, and filters with date, individual performing the inspection, and nature of inspection; and
 - ii. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
- d. Monthly and aggregate annual PM emissions from the affected grain handling operation shall be maintained, based on grain throughput and the applicable emission factors, with supporting calculations.

- e. Monthly and aggregate annual NO_x, PM, SO₂, and VOM emissions from the dryers associated with the affected grain handling operation shall be maintained, based on fuel usage and the applicable emission factors, with supporting calculations.

7.1.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected grain handling operation with the permit requirements as follows, pursuant to Section 39.5(7)(f)(iii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. The affected grain handling operation is subject to the applicable reporting requirements in 35 IAC Part 212, Subparts A and S. These regulations are attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected grain handling operation is subject to the applicable reporting requirements established in State Construction and Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).
- c. Emissions of NO_x, PM, SO₂, and/or VOM in excess of limits in Condition 7.1.6 within 30 days of such an occurrence.

7.1.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.1.12 Compliance Procedures

Compliance with the emission limits shall be based on the recordkeeping requirements in Condition 7.1.9 and the emission factors and formulas listed below:

- a. To determine compliance with Conditions 5.5.1 and 7.1.6, PM emissions from the affected grain handling operation shall be calculated based on the applicable emission factors for grain elevators and grain processing, Tables 9.9.1-1 and 9.9.1-2, AP-42, Volume I, Fifth Edition, Supplement D, May, 1998. Alternatively, emissions may be calculated based on the results of previously submitted emission tests upon which permits were issued or the more recent tests which were submitted to and approved by the Illinois EPA.

- b. To determine compliance with Conditions 5.5.1 and 7.1.6, fuel combustion emissions from the dryers associated with the affected grain handling operation shall be calculated based on the emission factors for uncontrolled natural gas combustion in small boilers (< 100 mmBtu/hr), Tables 1.4-1 and 1.4-2, AP-42, Volume I, Fifth Edition, Supplement D, March, 1998. Alternatively, emissions may be calculated based on the results of previously submitted emission tests upon which permits were issued or the more recent tests which were submitted to and approved by the Illinois EPA.

7.2 Unit MILLING Milling (Preparation) Operations
 Controls MILLING Baghouses, Cyclones, and Filters

7.2.1 Description

Soybeans are conveyed from the process bins to the mill by means of belts or mass flow conveyors and bucket elevators. In the mill, the beans may be aspirated again, weighed, cleaned of tramp metal by magnets, and fed into corrugated cracking rolls. The cracking rolls "crack" each bean into four to six particles, which are passed through aspirators to remove the hulls (processed separately after the removal of residual bean chips). These hulls may be combined with the hulls from the grain cleaning step.

Next, the cracked beans and bean chips are conveyed to the conditioning area, where they are put either into a rotary steam tubed device or into a stacked cooker and are heated to "condition" them (i. e., make them pliable and keep them hydrated). Conditioning is necessary to permit the flaking of the chips and to prevent their being broken into smaller particles. Finally, the heated, cracked beans are conveyed and fed to smooth, cylindrical rolls that press the particles into smooth "flakes", which vary in thickness from approximately 0.25 to 0.51 millimeters (0.010 to 0.020 inches). Flaking allows the soybean oil cells to be exposed and the oil to be more easily extracted.

7.2.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
20/60OF	20/60 Overs Fitzmill	20/60 Overs Fitzmill Cyclone (20/60OFC), Meal Filter (MF-2), 20/60 Finished Product Cyclone (20/60PFC) and Day Dust Collector (DDC)
20/60SS	20/60 System Screener	Recycle System Cyclone (RSC), Grinding Aspiration Baghouse (GAB), and Meal Filter (MF-2)
AR, BR, AK, BK	"A" and "B" Rotexes and Kices	Fiber Filter (FF-1)
BANKS	#3 & #4 Banks	White Flakes Cyclone (WFC) and Meal Filter (MF-2)
BB5, BB6, BB7	Belmond Bins #5,6,7	SBOM Loadout Filter (SLF)

Emission Unit	Description	Emission Control Equipment
BML, CBL, RFC(2)	Belmond Meal Leg, Cracked Bean Leg, Raw Flake Conveyors	HE 33 Cyclone (33C) and Meal Filter (MF-2)
BM&M	Screeners	Meal Filter (MF-2)
BM&M1	Screeener and Kice	Hulls Cyclone (HC) and Fiber Filter (FF-1)
BPS, CRS	B-Product Sweco and C-Product Sweco	20/60 System Receiving Cyclone (20/60SRC), Grinding Aspiration Baghouse (GAB), and Meal Filter (MF-2)
CBCR	Clean Bean Cracking Roll Conveyor	Clean Bean Mikro Pulsaire (CBMP)
CR	Cracking Rolls	Fiber Filter (FF-1)
EMG, WMG	Meal Grinders	Meal Filter (MF-2)
ESC	Elevator Screenings Conveying	Screenings Cyclone (SC) and Fiber Filter (FF-1)
FR(3)	Flaking Rolls (3)	Clean Bean Flake Conveying Cyclones (2) (CBFCC(2)) and Meal Filter (MF-2)
FR(5)	Flaking Rolls (5)	Meal Filter (MF-2)
G-1B, G-2B, G-3B, G-4B, G-5B, 145SB	#1-#5 Grinder Bins and #1,4,5 Surge Bin	Grinding Aspiration Baghouse (GAB) and Meal Filter (MF-2)
G-6B, 23SB	#6 Grinder Bin and #2,3 Surge Bin	Meal Filter (MF-2)
KUC	Kaolin Unloading Conveyor	Kaolin Unloading Filter (FUF)
KUS	Kaolin Unloading Spout	Kaolin Unloading Filter (FUF)
MM-1	Millfeed Megamill	Millfeed Cyclone (MC) and Fiber Filter (FF-1)
MSH, 6/8SB	80 Mesh Surge Hopper, 6 and 8 Surge Bins	Meal Filter (MF-2)
PMRB, PMRC	Promosoy "B" and "C" Mine Runs	Reject Cyclone (RC) and Meal Filter (MF-2)
PPR	Protein Products Rejects	Reject Cyclone (RC) and Meal Filter (MF-2)
PWFRS	Promosoy White Flake Reject System	Promosoy Aspiration Cyclone (PAC) and Meal Filter (MF-2)
RJB	Reject Bin	Meal Filter (MF-2)

Emission Unit	Description	Emission Control Equipment
RLC	Railcar Loadout Spout	Truck Loadout Filter (TLF)
RRL	Railroad Loadout	Truck Loadout Filter (TLF)
RT	Reject Toaster	Toaster Cyclone (TC) and Meal Filter (MF-2)
TL1	Truck Loadout	Truck Loadout Filter (TLF)
TLS	Truck Loadout Spout	Truck Loadout Filter (TLF)
WBD	Whole Bean Distributor	Fiber Filter (FF-1)
WBK, WBR	Whole Bean Kice and Rotex	Whole Bean Cyclone (WBC) and Fiber Filter (FF-1)
WBS	Whole Bean Scale	Fiber Filter (FF-1)
WFB8	White Flakes Bin #8	#8 Bin Filter (8BF) and Meal Filter (MF-2)

7.2.3 Applicability Provisions and Applicable Regulations

- a. The milling/preparation operations described in Condition 7.2.2 are "affected milling operations" for the purpose of these unit-specific conditions.
- b. The affected milling operations are subject to the emission limits identified in Condition 5.2.2.
- c. The affected milling operations are subject to 35 IAC Part 212 Subpart L, Particulate Matter Emissions from Process Emission Sources. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).

7.2.4 Non-Applicability of Regulations of Concern

- a. The affected milling operations are not subject to 35 IAC 212.324, Process Emission Units In Certain Areas, because the source is not located in a non-attainment area for PM₁₀, as identified in 35 IAC 212.324(a)(1).
- b. The affected milling operations are not subject to 35 IAC 212.461, Grain Handling and Drying in General, and 35 IAC 212.463, Grain Drying Operations, because after being altered by the affected milling operations the soybeans cease to be grain as defined by 35 IAC 211.2650.

7.2.5 Operational and Production Limits and Work Practices

The Permittee shall follow good operating practices for the baghouses, cyclones, and filters, including periodic inspection, routine maintenance and prompt repair of defects.

7.2.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected milling operations are subject to the following:

- a. The affected milling operations are subject to emission limitations established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4). In the event that there are conflicting provisions in the incorporated State Construction and Operating permits, the most recently issued permit conditions shall apply.
- b. The limitations in the State Construction and Operating Permits were established pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permits do not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].
- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

7.2.7 Testing Requirements

- a. The affected milling operations are subject to the applicable testing requirements in 35 IAC Part 212 Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected milling operations are subject to the applicable testing requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).

7.2.8 Monitoring Requirements

None

7.2.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected milling operations to demonstrate compliance with Conditions 5.5.1, 7.2.3, and 7.2.6, pursuant to Section 39.5(7)(b) of the Act:

- a. The affected milling operations are subject to the applicable recordkeeping requirements in 35 IAC Part 212, Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected milling operations are subject to the applicable recordkeeping requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).
- c. Records addressing use of good operating practices for the baghouses, cyclones, and filters:
 - i. Records for periodic inspection of the baghouses, cyclones, and filters with date, individual performing the inspection, and nature of inspection; and
 - ii. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
- d. Monthly and aggregate annual PM emissions from the affected milling operations shall be maintained, based on grain throughput and the applicable emission factors, with supporting calculations.

7.2.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected milling operations with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. The affected milling operations are subject to the applicable reporting requirements in 35 IAC Part 212, Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected milling operations are subject to the applicable reporting requirements established in

State Construction and Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4)

- c. Emissions of PM in excess of limits in Condition 7.2.6 within 30 days of such an occurrence.

7.2.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.2.12 Compliance Procedures

Compliance with the emission limits shall be based on the recordkeeping requirements in Condition 7.2.9 and the emission factors and formulas listed below:

To determine compliance with Conditions 5.5.1 and 7.2.6, PM emissions from the affected milling operations shall be calculated based on the applicable emission factors for Vegetable Oil Processing, Section 9.11.1, AP-42, Volume I, Fifth Edition, Supplement A, November 1995. Alternatively, emissions may be calculated based on the results of previously submitted emission tests upon which permits were issued or the more recent tests which were submitted to and approved by the Illinois EPA.

7.3 Unit EXTRACTION Extraction Process
Controls EXTRACTION DTDC Dryer Cyclones #1 and #2, DTDC Cooler
Cyclone and Mineral Oil Column Adsorption
System

7.3.1 Description

The extraction process consists of "washing" the oil from the soybean flakes with hexane solvent in a countercurrent extractor. Then the solvent is evaporated (i. e., desolventized) from both the solvent/oil mixture (micella) and the solvent-laden, defatted flakes. The oil is desolventized by exposing the solvent/oil mixture to steam (contact and noncontact). Then the solvent is condensed, separated from the steam condensate, and reused. Residual hexane not condensed is removed with mineral oil scrubbers. The desolventized oil, called "crude" soybean oil, is stored for further processing or loadout.

Residual hexane from the condensers is captured by mineral oil scrubbers. The most efficient recovery or control device is a mineral oil scrubber, which is approximately 95 percent efficient. Process controls to reduce breakdowns and leaks can be used effectively to reduce emissions. Quantities of hexane may be lost through storage tanks, leaks, shutdowns, or breakdowns.

The flakes leaving the extractor contain up to 35 to 40 percent solvent and must be desolventized before use. Flakes are desolventized in one of two ways: either "conventional" desolventizing or specialty or "flash" desolventizing. The method used depends upon the end use of the flakes. Flakes that are flash desolventized are typically used for human foods, while conventionally desolventized flakes are used primarily in animal feeds.

Conventional desolventizing takes place in a desolventizer-toaster (DT), where both contact and noncontact steam are used to evaporate the hexane. In addition, the contact steam "toasts" the flakes, making them more usable for animal feeds. The desolventized and toasted flakes then pass to a dryer, where excess moisture is removed by heat, and then to a cooler, where ambient air is used to reduce the temperature of the dried flakes. The desolventized, defatted flakes are then ground for use as soybean meal.

Hexane is recovered and reused in the oil-extraction process because of its cost. The steam and hexane exhausts from the solvent extractor, desolventizer-toaster, and oil/hexane stripping are passed through condensers to recover hexane. Process controls to reduce breakdowns and leaks can be used effectively to reduce emissions. Quantities of hexane may be lost through storage tanks, leaks, shutdowns, or breakdowns.

7.3.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
R-10 through S-11	Hexane Extraction Process	DTDC Dryer Cyclones #1 and #2, DTDC Cooler Cyclone and Mineral Oil Column Adsorption System
#106	19,600 Gallon Hexane Storage Tank (Tank #106)	None

7.3.3 Applicability Provisions and Applicable Regulations

- a. The extraction process described in Condition 7.3.2 is an "affected extraction process" for the purpose of these unit-specific conditions.
- b. The affected extraction process is subject to the emission limits identified in Condition 5.2.2.
- c. The affected extraction process is subject to the NESHAP for Solvent Extraction for Vegetable Oil Production, 40 CFR 63 Subparts A and GGGG because, pursuant to 40 CFR 63.2831(a), the source owns or operates a vegetable oil production process that is a major source of HAP emissions and processes soybean oilseeds. The Illinois EPA is administering NESHAP in Illinois on behalf of the USEPA under a delegation agreement. This regulation is attached hereto and incorporated herein by reference (see Attachment 2).
- d. The affected extraction process is subject to 35 IAC Part 212 Subpart L, Particulate Matter Emissions from Process Emission Sources. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- e. The hexane storage tanks associated with the affected extraction process is subject to 35 IAC Part 215 Subpart B, Organic Emissions from Storage and Loading Operations. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- f. The affected extraction process is subject to 35 IAC Part 215 Subpart K, Organic Material Emission Standards and Limitations for the Use of Organic Material. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- g. The affected extraction process is subject to 35 IAC Part 215 Subpart N, Vegetable Oil Processing. This

regulation is attached hereto and incorporated herein by reference (see Attachment 3).

7.3.4 Non-Applicability of Regulations of Concern

- a. The affected extraction process is not subject to 35 IAC 212.324, Process Emission Units In Certain Areas, because the source is not located in a non-attainment area for PM₁₀, as identified in 35 IAC 212.324(a)(1).
- b. The affected extraction process is not subject to 35 IAC 212.461, Grain Handling and Drying in General, and 35 IAC 212.463, Grain Drying Operations, because after being altered by the milling operations the soybeans cease to be grain as defined by 35 IAC 211.2650.
- c. The hexane storage tanks associated with the affected extraction process is not subject to 35 IAC 215.121, Storage Containers, because each of these tanks have a capacity of less than 151 cubic meters (40,000 gal).
- d. The hexane storage tanks associated with the affected extraction process is not subject to 35 IAC 215.123, Petroleum Liquid Storage Tanks, because these tanks are not used to store petroleum liquids.
- e. The hexane storage tanks associated with the affected extraction process is not subject to the NSPS for Storage Vessels, 40 CFR 63 Subparts A, K, Ka, and Kb, because the affected tanks were constructed prior to 1973.
- f. This permit is issued based on the affected extraction process not being subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the affected extraction process does not have potential pre-control device emissions of the PM that equals or exceeds major source threshold levels and is subject to a NESHAP proposed after November 15, 1990, pursuant to 40 CFR 64.2(b)(1)(i).

7.3.5 Operational and Production Limits and Work Practices

The Permittee shall follow good operating practices for the cyclones and the mineral oil column absorption system, including periodic inspection, routine maintenance and prompt repair of defects.

7.3.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected extraction process is subject to the following:

- a. The affected extraction process is subject to emission limitations established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4). In the event that there are conflicting provisions in the incorporated State Construction and Operating permits, the most recently issued permit conditions shall apply.
- b. The limitations in the State Construction and Operating Permits were established pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permits do not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].
- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

7.3.7 Testing Requirements

- a. The affected extraction process is subject to the applicable testing requirements in 35 IAC Part 212 Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected extraction process is subject to the applicable testing requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).

7.3.8 Monitoring Requirements

None

7.3.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected extraction process to demonstrate compliance with Conditions 5.5.1, 7.3.3, and 7.3.6, pursuant to Section 39.5(7)(b) of the Act:

- a. The affected extraction process is subject to the applicable recordkeeping requirements of 40 CFR 63.2862 and 63.2863. These regulations are attached hereto and incorporated herein by reference (see Attachment 2).
- b. The affected extraction process is subject to the applicable recordkeeping requirements in 35 IAC Part 212, Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- c. The affected extraction process is subject to the applicable recordkeeping requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).
- d. Records addressing use of good operating practices for the cyclones and the mineral oil column adsorption system:
 - i. Records for periodic inspection of the cyclones and the mineral oil column adsorption system with date, individual performing the inspection, and nature of inspection; and
 - ii. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
- e. Monthly and aggregate annual PM, VOM and HAP emissions from the affected extraction process shall be maintained, based on production/throughput and the applicable emission factors, with supporting calculations.

7.3.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected extraction process with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. The affected extraction process is subject to the applicable notification and reporting requirements of 40 CFR 63.2860 and 2861. These regulations are attached hereto and incorporated herein by reference (see Attachment 2).

- b. The affected extraction process is subject to the applicable reporting requirements in 35 IAC Part 212, Subpart A. This regulation are attached hereto and incorporated herein by reference (see Attachment 3).
- c. Emissions of PM, VOM and/or HAP in excess of limits in Condition 7.3.6 within 30 days of such an occurrence.

7.3.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.3.12 Compliance Procedures

Compliance with the emission limits shall be based on the recordkeeping requirements in Condition 7.3.9 and the emission factors and formulas listed below:

- a. The affected extraction process is subject to the applicable compliance procedures in 40 CFR 63.2850, 63.2853, 63.2854, and 63.2855. These regulations have been incorporated into Attachment 2.
- b. The affected extraction process is subject to the applicable compliance determination in 35 IAC 215.345. This regulation has been incorporated into Attachment 3.
- c. To determine compliance with Conditions 5.5.1 and 7.3.6, PM emissions from the affected extraction process shall be calculated based on the applicable emission factors for Vegetable Oil Processing, Section 9.11.1, AP-42, Volume I, Fifth Edition, Supplement A, November 1995. Alternatively, emissions may be calculated based on the results of previously submitted emission tests upon which permits were issued or the more recent tests which were submitted to and approved by the Illinois EPA.

7.4 Unit B-1 Natural Gas-Fired Boiler

7.4.1 Description

The source operates a boiler to produce steam, which is used in various production processes. This boiler combusts natural gas.

7.4.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
B-1	Natural Gas-Fired Boiler (135 mmBtu/hr)	None

7.4.3 Applicability Provisions and Applicable Regulations

- a. Boiler B-1 is an "affected boiler" for the purpose of these unit-specific conditions.
- b. The affected boiler is subject to the emission limits identified in Condition 5.2.2.
- c. The affected boiler is subject to 35 IAC Part 216 Subpart B, Carbon Monoxide Emissions from Fuel Combustion Emission Sources. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).

7.4.4 Non-Applicability of Regulations of Concern

- a. The NSPS for Steam Generators or Steam Generating Units, 40 CFR 60, Subparts A, D, Db, and Dc do not apply to the affected boiler was constructed prior to 1971.
- b. Pursuant to 35 IAC 215.303, fuel combustion emission units are not subject to 35 IAC 215.301, Use of Organic Material.
- c. The affected boilers are not subject to 35 IAC 217.121, Emissions of Nitrogen Oxides from New Fuel Combustion Emission Sources, because the actual heat input is less than 73.2 MW (250 mmBtu/hr).
- d. This permit is issued based on the affected boiler not being subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the affected boiler does not use an add-on control device to achieve compliance with an emission limitation or standard.

7.4.5 Operational and Production Limits and Work Practices

Natural gas shall be the only fuel fired in the affected boiler.

7.4.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected boiler is subject to the following:

- a. The affected boiler is subject to emission limitations established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4). In the event that there are conflicting provisions in the incorporated State Construction and Operating permits, the most recently issued permit conditions shall apply.
- b. The limitations in the State Construction and Operating Permits were established pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permits do not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].
- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

7.4.7 Testing Requirements

The affected boiler is subject to the applicable testing requirements in 35 IAC Part 212 Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).

7.4.8 Monitoring Requirements

None

7.4.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected boiler to demonstrate compliance with Conditions 5.5.1, 7.4.3, and 7.4.6, pursuant to Section 39.5(7)(b) of the Act:

- a. The affected boiler is subject to the applicable recordkeeping requirements in 35 IAC Part 212, Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected boiler is subject to the applicable recordkeeping requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).
- c. Monthly and aggregate annual NO_x, PM, SO₂, and VOM emissions from the affected boiler shall be maintained, based on fuel usage and the applicable emission factors, with supporting calculations.

7.4.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected boiler with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. The affected boiler is subject to the applicable reporting requirements in 35 IAC Part 212, Subpart A. This regulation attached hereto and incorporated herein by reference (see Attachment 3).
- b. Emissions of NO_x, PM, SO₂, and/or VOM in excess of limits in Condition 7.4.6 within 30 days of such an occurrence.

7.4.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.4.12 Compliance Procedures

Compliance with the emission limits shall be based on the recordkeeping requirements in Condition 7.4.9 and the emission factors and formulas listed below:

- a. Except as provided in Condition 7.4.12(b), compliance with the emission limits of Conditions 5.5.1 and 7.4.6, emissions from the combustion of natural gas in the affected boiler shall be calculated based on the emission factors for natural gas combustion in large wall-fired boilers (> 100 mmBtu/hr), uncontrolled (pre-NSPS), Tables 1.4-1 and 1.4-2, AP-42, Volume I, Fifth Edition, Supplement D, March, 1998.
- b. To determine compliance with Conditions 5.5.1 and 7.4.6, emissions of NO_x, from the affected boiler shall be calculated based on a factor of 0.115 lb/mmBtu, which was the rate determined from the most recent stack test.

7.5 Unit S-10 Concentrate/Desolventizing Process
 Controls S-11, S-12, T-10 Primary and Secondary Absorption System, Convey Cyclones

7.5.1 Description

The concentrate process utilizes ethanol extractions to remove solubles from white flakes.

7.5.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
S-10	Alcohol Extraction System (Concentrate Process comprised of two (2) extractors, multipass elutriators, tanks, pumps, vessels, airlocks, blower and related piping, bin storage, internal transfer via conveyor, evaporators, separators, pumps, heaters, condensers, desolventizing, solubles loading, screening, fans, and cooling towers)	Primary and Secondary Absorption System (T-10), Mine Run B Convey Cyclone (S-11), Mine Run C Convey Cyclone (S-12), White Flake Convey Cyclone (S-11), and Classifier Convey Cyclone (S-12)

7.5.3 Applicability Provisions and Applicable Regulations

- a. The alcohol extraction system described in Condition 7.5.2 is an "affected concentrate process" for the purpose of these unit-specific conditions.
- b. The affected concentrate process is subject to the emission limits identified in Condition 5.2.2.
- c. The affected concentrate process is subject to 35 IAC Part 212 Subpart L, Particulate Matter Emissions from Process Emission Sources. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- d. The affected concentrate process is subject to 35 IAC Part 215 Subpart K, Organic Material Emission Standards and Limitations for the Use of Organic Material. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).

7.5.4 Non-Applicability of Regulations of Concern

- a. The affected concentrate process is not subject to the NESHAP for Solvent Extraction for Vegetable Oil Production, 40 CFR 63 Subparts A and GGGG because the affected concentrate process is not used to remove oil from oilseeds.

- b. The affected concentrate process is not subject to 35 IAC 212.324, Process Emission Units In Certain Areas, because the source is not located in a non-attainment area for PM₁₀, as identified in 35 IAC 212.324(a)(1).
- c. The affected concentrate process is not subject to 35 IAC 212.461, Grain Handling and Drying in General, and 35 IAC 212.463, Grain Drying Operations, because after being altered by the milling operations the soybeans cease to be grain as defined by 35 IAC 211.2650.
- d. The affected concentrate process is not subject to 35 IAC Part 215 Subpart N: Vegetable Oil Processing, because no extraction is performed.

7.5.5 Operational and Production Limits and Work Practices

- a. The Permittee shall follow good operating practices for the primary and secondary absorption system and the convey cyclones, including periodic inspection, routine maintenance and prompt repair of defects.

7.5.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected concentrate process is subject to the following:

- a. The affected concentrate process is subject to emission limitations established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4). In the event that there are conflicting provisions in the incorporated State Construction and Operating Permits, the most recently issued permit conditions shall apply.
- b. The limitations in the State Construction and Operating Permits were established pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permits do not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].
- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

7.5.7 Testing Requirements

- a. The affected concentrate process is subject to the applicable testing requirements in 35 IAC Part 212 Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected concentrate process is subject to the applicable testing requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).

7.5.8 Monitoring Requirements

None

7.5.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for each affected concentrate process to demonstrate compliance with Conditions 5.5.1, 7.5.3, and 7.5.6, pursuant to Section 39.5(7)(b) of the Act:

- a. The affected concentrate process is subject to the applicable recordkeeping requirements in 35 IAC Part 212, Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected concentrate process is subject to the applicable recordkeeping requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).
- c. Records addressing use of good operating practices for the primary and secondary absorption system and the convey cyclones:
 - i. Records for periodic inspection of the cyclones and the primary and secondary absorption system and the convey cyclones with date, individual performing the inspection, and nature of inspection; and
 - ii. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
- d. Monthly and aggregate annual PM, VOM and HAP emissions from the affected concentrate process shall

be maintained, based on production/throughput and the applicable emission factors, with supporting calculations.

7.5.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected concentrate process with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. The affected concentrate process is subject to the applicable reporting requirements in 35 IAC Part 212, Subpart A. This regulation are attached hereto and incorporated herein by reference (see Attachment 3).
- b. Emissions of PM, VOM and/or HAP in excess of limits in Condition 7.5.6 within 30 days of such an occurrence.

7.5.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.5.12 Compliance Procedures

Compliance with the emission limits shall be based on the recordkeeping requirements in Condition 7.5.9 and the emission factors and formulas listed below:

- a. To determine compliance with Conditions 5.5.1 and 7.5.6, PM emissions from the affected concentrate process shall be calculated based on the applicable emission factors for Vegetable Oil Processing, Section 9.11.1, AP-42, Volume I, Fifth Edition, Supplement A, November 1995. Alternatively, emissions may be calculated based on the results of previously submitted emission tests upon which permits were issued or the more recent tests which were submitted to and approved by the Illinois EPA.

7.6 Unit GRINDING Grinding Process
 Controls G-1P - G-6P Pulsaire Filters

7.6.1 Description

Defatted White Flakes are ground for use as flour. Crude concentrate is ground into finished concentrate.

7.6.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
G-1	#1 Grinder (Concentrate Grinding)	#1 Grinder Pulsaire (G-1P)
G-2	#2 Grinder (Concentrate Grinding)	#2 Grinder Pulsaire (G-2P)
G-3	#3 Grinder (Concentrate Grinding)	#3 Grinder Pulsaire (G-3P)
G-4	#4 Grinder (Concentrate Grinding)	#4 Grinder Pulsaire (G-4P)
G-5	#5 Grinder (Concentrate Grinding)	#5 Grinder Pulsaire (G-5P)
G-6	#6 Grinder (White Flake Grinding)	#6 Grinder Pulsaire (G-6P)

7.6.3 Applicability Provisions and Applicable Regulations

- a. The White Flake Grinding Operation described in Condition 7.6.2 are "affected grinders" for the purpose of these unit-specific conditions.
- b. Each affected grinder is subject to the emission limits identified in Condition 5.2.2.
- c. The affected grinders are subject to 35 IAC Part 212 Subpart L, Particulate Matter Emissions from Process Emission Sources. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).

7.6.4 Non-Applicability of Regulations of Concern

- a. The affected grinders are not subject to 35 IAC 212.324, Process Emission Units In Certain Areas, because the source is not located in a non-attainment area for PM₁₀, as identified in 35 IAC 212.324(a)(1).
- b. The affected grinders are not subject to 35 IAC 212.461, Grain Handling and Drying in General, and 35 IAC 212.463, Grain Drying Operations, because after being altered by the affected milling operations the soybeans cease to be grain as defined by 35 IAC 211.2650.

7.6.5 Operational and Production Limits and Work Practices

The Permittee shall follow good operating practices for the pulsaire filters, including periodic inspection, routine maintenance and prompt repair of defects.

7.6.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected grinders are subject to the following:

- a. The affected grinders are subject to emission limitations established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4). In the event that there are conflicting provisions in the incorporated State Construction and Operating permits, the most recently issued permit conditions shall apply.
- b. The limitations in the State Construction and Operating Permits were established pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permits do not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].
- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

7.6.7 Testing Requirements

- a. The affected grinders are subject to the applicable testing requirements in 35 IAC Part 212 Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected grinders are subject to the applicable testing requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).

7.6.8 Monitoring Requirements

None

7.6.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected grinders to demonstrate compliance with Conditions 5.5.1, 7.6.3, and 7.6.6, pursuant to Section 39.5(7)(b) of the Act:

- a. The affected grinders are subject to the applicable recordkeeping requirements in 35 IAC Part 212, Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected grinders are subject to the applicable recordkeeping requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).
- c. Records addressing use of good operating practices for the pulsaire filters:
 - i. Records for periodic inspection of the pulsaire filters with date, individual performing the inspection, and nature of inspection; and
 - ii. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
- d. Monthly and aggregate annual PM emissions from the affected grinders shall be maintained, based on grain throughput and the applicable emission factors, with supporting calculations.

7.6.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected grinders with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. The affected grinders are subject to the applicable reporting requirements in 35 IAC Part 212, Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected grinders are subject to the applicable reporting requirements established in State Construction and Permits, which have been attached

hereto and incorporated herein by reference (see Attachment 4).

- c. Emissions of PM in excess of limits in Condition 7.6.6 within 30 days of such an occurrence.

7.6.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.6.12 Compliance Procedures

Compliance with the emission limits shall be based on the recordkeeping requirements in Condition 7.6.9 and the emission factors and formulas listed below:

To determine compliance with Conditions 5.5.1 and 7.6.6, PM emissions from the affected grinders shall be calculated based on the applicable emission factors for Vegetable Oil Processing, Section 9.11.1, AP-42, Volume I, Fifth Edition, Supplement A, November 1995. Alternatively, emissions may be calculated based on the results of previously submitted emission tests upon which permits were issued or the more recent tests which were submitted to and approved by the Illinois EPA.

7.7 Unit PROTEIN Protein Products Process
 Controls PROTEIN Cyclones, Dust Collectors, and Filters

7.7.1 Description

Flour and finished concentrate are the feed materials for the Extrusion process. In the Extrusion/Sizing/Drying process, flour and concentrate are converted to a textured form. The finished material is then packaged in totes or bags per customer request. The dryer/cooler vents are exhausted through cyclonic control to reduce particulate matter emissions.

7.7.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
1B, 2B, 3B, 4B, 5B, 6B, 7B, 8B, 9B, 10B, 11B, 12B	Flour Storage Bins	#3 Bin Pulsaire (3BP), #4 Bin Cyclone (4BC), #5 Bin Pulsaire (5BP), #6 Bin Pulsaire (6BP), #7 Bin Pulsaire (7BP), #8 Bin Cyclone (8BC), #9 Bin Cyclone (9BC), #10 Bin Filter (10BF), #11 Bin Cyclone (11BC), #12 Bin Filter (12BF), Day Dust Collector (DDC), and North and Center Packing Bins Filter (N/CPBF)
1C	#1 Cooler	#1 Cooler Exhaust Cyclone (1CEC), #1 Sample Cyclone (1SC), #1 Extruder Fines Filter (1EFF), #1 Receiving Cyclone (1RC), and Extrusion General Aspiration Filter (EGAF)
1D, 2D	#1 and #2 Dryers	#1 Dryer Exhaust Cyclone (1DEC) and #2 Dryer Exhaust Cyclone (2DEC)
1E, 2E	#1 and #2 Soy Flour Extruders	#1 Extruder Product Cyclone (1EPC) and #2 Extruder Product Cyclone (2EPC)
1F/C, 2F/C	#1 and #2 Fitzmills/Comitrols	#1 Cut Extruder Product Cyclone (1CEPC) and #2 Cut Extruder Product Cyclone (2CEPC)

Emission Unit	Description	Emission Control Equipment
1MD, 2MD	#1 and #2 Metal Detectors	Extrusion General Aspiration Filter (EGAF)
1PB, 2PB	#1 and #2 Extruded Soy Flour and Soy Concentrate Packing Bins	Extrusion General Aspiration Filter (EGAF)
1R, 2R	#1 and #2 Rotex Separators	#1 Extruder Delivery Cyclone (1EDC) and #1 Extruder Fines Filter (1EFF)
1RB, 2RB	#1 and #2 Rotex Rejects Storage Bins	#1 Extruder Delivery Cyclone (1EDC) and #1 Extruder Fines Filter (1EFF)
1WB, 1EB	#1 East and West Fines Storage Bins	#1 Extruder Fines Filter (1EFF)
2C	#2 Cooler	#2 Cooler Exhaust Cyclone (2CEC), #2 Receiving Cyclone (2RC), and Extrusion General Aspiration Filter (EGAF)
2FB	#2 Soy Fines Storage Bin	#2 Extruder Delivery Cyclone (2EDC), and Extrusion General Aspiration Filter (EGAF)
9BB	#9 Bin Bagger	Day Dust Collector (DDC)
13B	#13 Soy Flour and Concentrate Storage Bin	#13 Bin Filter (13BF)
14B, 14BS	#14 Soy Flour and Concentrate Storage Bin and #14 Bin Spouting	#14 Bin Filter (14BF), #2 Extruder Delivery Cyclone (2EDC), and Extrusion General Aspiration Filter (EGAF)
ABB	Soy Flour and Concentrate (Add Back) Storage Bin	Add Back Bin Pulsaire (ABBP)
BFL	Bulk Flour Loadout Area	Bulk Flour Loadout Filter (BFLF)
DRBB	Dump Room Bag Breaker	Day Dust Collector (DDC)
FPS, FPC	Fines Product Scale and Fines Product Conveyor	#1 Extruder Fines Filter (1EFF)
IVV	Internal Vacuum (Cleaning) Systems	Textured Vacuum System Filters (TVSF1, TVSF2) and South Vacuum System Filter (SVSF)

Emission Unit	Description	Emission Control Equipment
N/CPBB	North and Center Packing Bin Baggers (Black Diamond Packers)	Day Dust Collector (DDC)
NPB, CPB	North and Center Packing Bins	North and Center Packing Bins Filter (N/CPBF)
RMB	Reject Milling Storage Bin	South Reject Filter (SRF) and Extrusion General Aspiration Filter (EGAF)
SP, SPS	Soy Flour and Soy Concentrate Packer and Scale	Bag Packer Filter (BPF)

7.7.3 Applicability Provisions and Applicable Regulations

- a. The Protein Products Process described in Condition 7.7.2 is an "affected protein process" for the purpose of these unit-specific conditions.
- b. The affected protein process is subject to the emission limits identified in Condition 5.2.2.
- c. The affected protein process is subject to 35 IAC Part 212 Subpart L, Particulate Matter Emissions from Process Emission Sources. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).

7.7.4 Non-Applicability of Regulations of Concern

- a. The affected protein process is not subject to 35 IAC 212.324, Process Emission Units In Certain Areas, because the source is not located in a non-attainment area for PM₁₀, as identified in 35 IAC 212.324(a)(1).
- b. The affected protein process is not subject to 35 IAC 212.461, Grain Handling and Drying in General, and 35 IAC 212.463, Grain Drying Operations, because after being altered by the affected milling operations the soybeans cease to be grain as defined by 35 IAC 211.2650.

7.7.5 Operational and Production Limits and Work Practices

The Permittee shall follow good operating practices for the cyclones, dust collectors, and filters, including periodic inspection, routine maintenance and prompt repair of defects.

7.7.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected protein process is subject to the following:

- a. The affected protein process is subject to emission limitations established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4). In the event that there are conflicting provisions in the incorporated State Construction and Operating permits, the most recently issued permit conditions shall apply.
- b. The limitations in the State Construction and Operating Permits were established pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permits do not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].
- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

7.7.7 Testing Requirements

- a. The affected protein process is subject to the applicable testing requirements in 35 IAC Part 212 Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected protein process subject to the applicable testing requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).

7.7.8 Monitoring Requirements

None

7.7.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected protein process to demonstrate compliance with Conditions 5.5.1, 7.7.3, and 7.7.6, pursuant to Section 39.5(7)(b) of the Act:

- a. The affected protein process is subject to the applicable recordkeeping requirements in 35 IAC Part 212, Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected protein process is subject to the applicable recordkeeping requirements established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).
- c. Records addressing use of good operating practices for the cyclones, dust collectors, and filters:
 - i. Records for periodic inspection of the cyclones, dust collectors, and filters with date, individual performing the inspection, and nature of inspection; and
 - ii. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
- d. Monthly and aggregate annual PM emissions from the affected protein process shall be maintained, based on grain throughput and the applicable emission factors, with supporting calculations.

7.7.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected protein process with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. The affected protein process is subject to the applicable reporting requirements in 35 IAC Part 212, Subpart A. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- b. The affected protein process is subject to the applicable reporting requirements established in State Construction and Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4)
- c. Emissions of PM in excess of limits in Condition 7.7.6 within 30 days of such an occurrence.

7.7.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.7.12 Compliance Procedures

Compliance with the emission limits shall be based on the recordkeeping requirements in Condition 7.7.9 and the emission factors and formulas listed below:

To determine compliance with Conditions 5.5.1 and 7.6.6, PM emissions from the affected protein process shall be calculated based on the applicable emission factors for Vegetable Oil Processing, Section 9.11.1, AP-42, Volume I, Fifth Edition, Supplement A, November 1995. Alternatively, emissions may be calculated based on the results of previously submitted emission tests upon which permits were issued or the more recent tests which were submitted to and approved by the Illinois EPA.

7.8 Unit Tank #1 Gasoline Storage Tank

7.8.1 Description

Tank #1 is a 500 gallon above round tank for the storage of gasoline for use in various plant vehicles.

7.8.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
Tank #1	500 Gallon Gasoline Storage Tank	None

7.8.3 Applicability Provisions and Applicable Regulations

- a. Tank #1 is an "affected tank" for the purpose of these unit-specific conditions.
- b. The affected tank is subject to 35 IAC Part 215 Subpart B, Organic Emissions from Storage and Loading Operations. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- c. The affected tank is subject to 35 IAC Part 215 Subpart K, Organic Material Emission Standards and Limitations for the Use of Organic Material. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).
- d. The affected tank is subject to 35 IAC Part 215 Subpart Y, Gasoline Distribution. This regulation is attached hereto and incorporated herein by reference (see Attachment 3)

7.8.4 Non-Applicability of Regulations of Concern

- a. The affected tank is not subject to the NSPS for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984, 40 CFR 60 Subpart Kb, because the affected tank has design capacity less than 40 cubic meters (m³).
- b. The affected tank is not subject to the requirements of 35 IAC 215.123, Petroleum Liquid Storage Tanks, pursuant to 35 IAC 215.123(a)(2), which exempts storage tanks with a capacity less than 151.42 m³.

7.8.5 Operational and Production Limits and Work Practices

The affected tank shall only be used for the storage of gasoline.

7.8.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected tank is subject to the following:

- a. The affected tank is subject to emission limitations established in State Construction and Operating Permits, which have been attached hereto and incorporated herein by reference (see Attachment 4).
- b. The limitations in the State Construction and Operating Permits were established pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permits do not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].
- c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

7.8.7 Testing Requirements

The affected tank is subject to the applicable testing requirements in 35 IAC Part 215 Subpart Y. This regulation is attached hereto and incorporated herein by reference (see Attachment 3).

7.8.8 Monitoring Requirements

None

7.8.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected tank to demonstrate compliance with Conditions 5.5.1, 7.8.3, and 7.8.5, pursuant to Section 39.5(7) (b) of the Act:

- a. The affected tank is subject to the applicable recordkeeping requirements in 35 IAC Part 215, Subparts B and Y. These regulations are attached hereto and incorporated herein by reference (see Attachment 3).
- b. The throughput of the affected tank, gal/mo and gal/yr; and

- c. The monthly and aggregate annual VOM emissions from the affected tank based on the material stored, the tank throughput, and the applicable emission factors and formulas with supporting calculations.

7.8.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected tank with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

- a. Any storage of VOL in an affected tank that is not in compliance with the requirements of 35 IAC Part 215, Subparts B and Y, within 30 days of becoming aware of the non-compliance status. This notification shall include a description of the event, the cause for the non-compliance, actions taken to correct the non-compliance, and the steps taken to avoid future non-compliance;
- b. Emissions of PM, VOM and/or HAP in excess of limits in Condition 7.8.6 within 30 days of such an occurrence.

7.8.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.8.12 Compliance Procedures

Compliance with the emission limits shall be based on the recordkeeping requirements in Condition 7.8.9 and the emission factors and formulas listed below:

For the purpose of estimating VOM emissions from the affected tanks to determine compliance with Conditions 5.5.1 and 7.8.6, Versions 3.1 or 4.0 of the TANKS program are acceptable.

8.0 GENERAL PERMIT CONDITIONS

8.1 Permit Shield

Pursuant to Section 39.5(7)(j) of the Act, the Permittee has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements which were applicable as of the date the proposed permit for this source was issued, provided that either the applicable requirements are specifically identified within this permit, or the Illinois EPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to this source and this determination (or a concise summary thereof) is included in this permit.

This permit shield does not extend to applicable requirements which are promulgated after July 17, 2002 (the date of issuance of the draft permit) unless this permit has been modified to reflect such new requirements.

8.2 Applicability of Title IV Requirements (Acid Deposition Control)

This source is not an affected source under Title IV of the CAA and is not subject to requirements pursuant to Title IV of the CAA.

8.3 Emissions Trading Programs

No permit revision shall be required for increases in emissions allowed under any USEPA approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for elsewhere in this permit and that are authorized by the applicable requirement [Section 39.5(7)(o)(vii) of the Act].

As of the date of issuance of this permit, there are no such economic incentive, marketable permit or emission trading programs applicable to this source that have been approved by USEPA.

8.4 Operational Flexibility/Anticipated Operating Scenarios

8.4.1 Changes Specifically Addressed by Permit

Physical or operational changes specifically addressed by the Conditions of this permit that have been identified as not requiring Illinois EPA notification may be implemented without prior notice to the Illinois EPA.

8.4.2 Changes Requiring Prior Notification

The Permittee is authorized to make physical or operational changes that contravene express permit terms

without applying for or obtaining an amendment to this permit, provided that [Section 39.5(12)(a)(i) of the Act]:

- a. The changes do not violate applicable requirements;
- b. The changes do not contravene federally enforceable permit terms or conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements;
- c. The changes do not constitute a modification under Title I of the CAA;
- d. Emissions will not exceed the emissions allowed under this permit following implementation of the physical or operational change; and
- e. The Permittee provides written notice to the Illinois EPA, Division of Air Pollution Control, Permit Section, at least 7 days before commencement of the change. This notice shall:
 - i. Describe the physical or operational change;
 - ii. Identify the schedule for implementing the physical or operational change;
 - iii. Provide a statement of whether or not any New Source Performance Standard (NSPS) is applicable to the physical or operational change and the reason why the NSPS does or does not apply;
 - iv. Provide emission calculations which demonstrate that the physical or operational change will not result in a modification; and
 - v. Provide a certification that the physical or operational change will not result in emissions greater than authorized under the Conditions of this permit.

8.5 Testing Procedures

Tests conducted to measure composition of materials, efficiency of pollution control devices, emissions from process or control equipment, or other parameters shall be conducted using standard test methods. Documentation of the test date, conditions, methodologies, calculations, and test results shall be retained pursuant to the recordkeeping procedures of this permit. Reports of any tests conducted as required by this permit or as the result of a request by the Illinois EPA shall be submitted as specified in Condition 8.6.

8.6 Reporting Requirements

8.6.1 Monitoring Reports

If monitoring is required by any applicable requirements or conditions of this permit, a report summarizing the required monitoring results, as specified in the conditions of this permit, shall be submitted to the Air Compliance Section of the Illinois EPA every six months as follows [Section 39.5(7)(f) of the Act]:

<u>Monitoring Period</u>	<u>Report Due Date</u>
January - June	September 1
July - December	March 1

All instances of deviations from permit requirements must be clearly identified in such reports. All such reports shall be certified in accordance with Condition 9.9.

8.6.2 Test Notifications

Unless otherwise specified elsewhere in this permit, a written test plan for any test required by this permit shall be submitted to the Illinois EPA for review at least 60 days prior to the testing pursuant to Section 39.5(7)(a) of the Act. The notification shall include at a minimum:

- a. The name and identification of the affected unit(s);
- b. The person(s) who will be performing sampling and analysis and their experience with similar tests;
- c. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the source and any control equipment will be determined;
- d. The specific determination of emissions and operation which are intended to be made, including sampling and monitoring locations;
- e. The test method(s) which will be used, with the specific analysis method, if the method can be used with different analysis methods;
- f. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justification; and

- g. Any proposed use of an alternative test method, with detailed justification.

8.6.3 Test Reports

Unless otherwise specified elsewhere in this permit, the results of any test required by this permit shall be submitted to the Illinois EPA within 60 days of completion of the testing. The test report shall include at a minimum [Section 39.5(7)(e)(i) of the Act]:

- a. The name and identification of the affected unit(s);
- b. The date and time of the sampling or measurements;
- c. The date any analyses were performed;
- d. The name of the company that performed the tests and/or analyses;
- e. The test and analytical methodologies used;
- f. The results of the tests including raw data, and/or analyses including sample calculations;
- g. The operating conditions at the time of the sampling or measurements; and
- h. The name of any relevant observers present including the testing company's representatives, any Illinois EPA or USEPA representatives, and the representatives of the source.

8.6.4 Reporting Addresses

- a. The following addresses should be utilized for the submittal of reports, notifications, and renewals:
 - i. Illinois EPA - Air Compliance Section
Illinois Environmental Protection Agency
Bureau of Air
Compliance Section (MC 40)
P.O. Box 19276
Springfield, Illinois 62794-9276
 - ii. Illinois EPA - Air Regional Field Office
Illinois Environmental Protection Agency
Division of Air Pollution Control
2009 Mall Street
Collinsville, Illinois 62234

iii. Illinois EPA - Air Permit Section

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section (MC 11)
P.O. Box 19506
Springfield, Illinois 62794-9506

iv. USEPA Region 5 - Air Branch

USEPA (AE - 17J)
Air & Radiation Division
77 West Jackson Boulevard
Chicago, Illinois 60604

- b. Unless otherwise specified in the particular provision of this permit, reports shall be sent to the Illinois EPA - Air Compliance Section with a copy sent to the Illinois EPA - Air Regional Field Office.

8.7 Obligation to Comply with Title I Requirements

Any term, condition, or requirement identified in this permit by T1, T1R, or T1N is established or revised pursuant to 35 IAC Part 203 or 40 CFR 52.21 ("Title I provisions") and incorporated into this permit pursuant to both Section 39.5 and Title I provisions. Notwithstanding the expiration date on the first page of this permit, the Title I conditions remain in effect pursuant to Title I provisions until the Illinois EPA deletes or revises them in accordance with Title I procedures.

9.0 STANDARD PERMIT CONDITIONS

9.1 Effect of Permit

9.1.1 The issuance of this permit does not release the Permittee from compliance with State and Federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or applicable ordinances, except as specifically stated in this permit and as allowed by law and rule [Section 39.5(7)(j)(iv) of the Act].

9.1.2 In particular, this permit does not alter or affect the following:

- a. The provisions of Section 303 (emergency powers) of the CAA, including USEPA's authority under that Section;
- b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- c. The applicable requirements of the acid rain program consistent with Section 408(a) of the CAA; and
- d. The ability of USEPA to obtain information from a source pursuant to Section 114 (inspections, monitoring, and entry) of the CAA.

9.1.3 Notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

9.2 General Obligations of Permittee

9.2.1 Duty to Comply

The Permittee must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the CAA and the Act, and is grounds for any or all of the following: enforcement action, permit termination, revocation and reissuance, modification, or denial of a permit renewal application [Section 39.5(7)(o)(i) of the Act].

The Permittee shall meet applicable requirements that become effective during the permit term in a timely manner unless an alternate schedule for compliance with the applicable requirement is established.

9.2.2 Duty to Maintain Equipment

The Permittee shall maintain all equipment covered under this permit in such a manner that the performance or operation of such equipment shall not cause a violation of applicable requirements.

9.2.3 Duty to Cease Operation

No person shall cause, threaten or allow the continued operation of any emission unit during malfunction or breakdown of the emission unit or related air pollution control equipment if such operation would cause a violation of an applicable emission standard, regulatory requirement, ambient air quality standard or permit limitation unless such malfunction or breakdown is allowed by a permit condition [Section 39.5(6) (c) of the Act].

9.2.4 Disposal Operations

The source shall be operated in such a manner that the disposal of air contaminants collected by the equipment operations, or activities shall not cause a violation of the Act or regulations promulgated thereunder.

9.2.5 Duty to Pay Fees

The Permittee must pay fees to the Illinois EPA consistent with the fee schedule approved pursuant to Section 39.5(18) of the Act, and submit any information relevant thereto [Section 39.5(7) (o) (vi) of the Act]. The check should be payable to "Treasurer, State of Illinois" and sent to: Fiscal Services Section, Illinois Environmental Protection Agency, P.O. Box 19276, Springfield, Illinois 62794-9276.

9.3 Obligation to Allow Illinois EPA Surveillance

Upon presentation of proper credentials and other documents, the Permittee shall allow the Illinois EPA, or an authorized representative to perform the following [Section 39.5(7) (a) and (p) (ii) of the Act and 415 ILCS 5/4]:

- a. Enter upon the Permittee's premises where an actual or potential emission unit is located; where any regulated equipment, operation, or activity is located or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect during hours of operation any sources, equipment (including monitoring and air pollution control

equipment), practices, or operations regulated or required under this permit;

- d. Sample or monitor any substances or parameters at any location:
 - i. At reasonable times, for the purposes of assuring permit compliance; or
 - ii. As otherwise authorized by the CAA, or the Act.
- e. Obtain and remove samples of any discharge or emission of pollutants authorized by this permit; and
- f. Enter and utilize appropriate photographic, recording, testing, monitoring, or other equipment for the purposes of preserving, testing, monitoring, or recording any activity, discharge or emission at the source authorized by this permit.

9.4 Obligation to Comply With Other Requirements

The issuance of this permit does not release the Permittee from applicable State and Federal laws and regulations, and applicable local ordinances addressing subjects other than air pollution control.

9.5 Liability

9.5.1 Title

This permit shall not be considered as in any manner affecting the title of the premises upon which the permitted source is located.

9.5.2 Liability of Permittee

This permit does not release the Permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the sources.

9.5.3 Structural Stability

This permit does not take into consideration or attest to the structural stability of any unit or part of the source.

9.5.4 Illinois EPA Liability

This permit in no manner implies or suggests that the Illinois EPA (or its officers, agents or employees) assumes any liability, directly or indirectly, for any

loss due to damage, installation, maintenance, or operation of the source.

9.5.5 Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege [Section 39.5(7) (o) (iv) of the Act].

9.6 Recordkeeping

9.6.1 Control Equipment Maintenance Records

A maintenance record shall be kept on the premises for each item of air pollution control equipment. As a minimum, this record shall show the dates of performance and nature of preventative maintenance activities.

9.6.2 Records of Changes in Operation

A record shall be kept 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 this permit, and the emissions resulting from those changes [Section 39.5(12) (b) (iv) of the Act].

9.6.3 Retention of Records

- a. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit [Section 39.5(7) (e) (ii) of the Act].
- b. Other records required by this permit shall be retained for a period of at least 5 years from the date of entry unless a longer period is specified by a particular permit provision.

9.7 Annual Emissions Report

The Permittee shall submit an annual emissions report to the Illinois EPA, Compliance Section no later than May 1 of the following year, as required by 35 IAC Part 254.

9.8 Requirements for Compliance Certification

Pursuant to Section 39.5(7) (p) (v) of the Act, the Permittee shall submit annual compliance certifications. The compliance

certifications shall be submitted no later than May 1 or more frequently as specified in the applicable requirements or by permit condition. The compliance certifications shall be submitted to the Air Compliance Section, Air Regional Field Office, and USEPA Region 5 - Air Branch. The addresses for the submittal of the compliance certifications are provided in Condition 8.6.4 of this permit.

- a. The certification shall include the identification of each term or condition of this permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, both currently and over the reporting period consistent with the conditions of this permit.
- b. All compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the Illinois EPA.
- c. All compliance reports required to be submitted shall include a certification in accordance with Condition 9.9.

9.9 Certification

Any document (including reports) required to be submitted by this permit shall contain a certification by a responsible official of the Permittee that meets the requirements of Section 39.5(5) of the Act [Section 39.5(7)(p)(i) of the Act]. An example Certification by a Responsible Official is included as an attachment to this permit.

9.10 Defense to Enforcement Actions

9.10.1 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit [Section 39.5(7)(o)(ii) of the Act].

9.10.2 Emergency Provision

- a. An emergency shall be an affirmative defense to an action brought for noncompliance with the technology-based emission limitations under this permit if the following conditions are met through properly signed, contemporaneous operating logs, or other relevant evidence:
 - i. An emergency occurred as provided in Section 39.5(7)(k) of the Act and the Permittee can identify the cause(s) of the emergency.

Normally, an act of God such as lightning or flood is considered an emergency;

- ii. The permitted source was at the time being properly operated;
 - iii. The Permittee submitted notice of the emergency to the Illinois EPA within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - iv. During the period of the emergency the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission limitations, standards, or regulations in this permit.
- b. This provision is in addition to any emergency or upset provision contained in any applicable requirement. This provision does not relieve a Permittee of any reporting obligations under existing federal or state laws or regulations.

9.11 Permanent Shutdown

This permit only covers emission units and control equipment while physically present at the indicated source location(s). Unless this permit specifically provides for equipment relocation, this permit is void for the operation or activity of any item of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

9.12 Reopening and Reissuing Permit for Cause

9.12.1 Permit Actions

This permit may be modified, reopened, and reissued, for cause pursuant to Section 39.5(15) of the Act. The filing of a request by the Permittee for a permit modification, revocation, and reissuance, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition [Section 39.5(7)(o)(iii) of the Act].

9.12.2 Reopening and Revision

This permit must be reopened and revised if any of the following occur [Section 39.5(15) (a) of the Act]:

- a. Additional requirements become applicable to the equipment covered by this permit and three or more years remain before expiration of this permit;
- b. Additional requirements become applicable to an affected source for acid deposition under the acid rain program;
- c. The Illinois EPA or USEPA determines that this permit contains a material mistake or inaccurate statement when establishing the emission standards or limitations, or other terms or conditions of this permit; and
- d. The Illinois EPA or USEPA determines that this permit must be revised to ensure compliance with the applicable requirements of the Act.

9.12.3 Inaccurate Application

The Illinois EPA has issued this permit based upon the information submitted by the Permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation under Section 39.5(15) (b) of the Act.

9.12.4 Duty to Provide Information

The Permittee shall furnish to the Illinois EPA, within a reasonable time specified by the Illinois EPA any information that the Illinois EPA may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to the Illinois EPA copies of records required to be kept by this permit, or for information claimed to be confidential, the Permittee may furnish such records directly to USEPA along with a claim of confidentiality [Section 39.5(7) (o) (v) of the Act].

9.13 Severability Clause

The provisions of this permit are severable, and should any one or more be determined to be illegal or unenforceable, the validity of the other provisions shall not be affected. The rights and obligations of the Permittee shall be construed and enforced as if this permit did not contain the particular provisions held to be invalid and the applicable requirements

underlying these provisions shall remain in force [Section 39.5(7) (i) of the Act].

9.14 Permit Expiration and Renewal

The right to operate terminates on the expiration date unless the Permittee has submitted a timely and complete renewal application. For a renewal to be timely it must be submitted no later than 9 and no sooner than 12 months prior to expiration. The equipment may continue to operate during the renewal period until final action is taken by the Illinois EPA, in accordance with the original permit conditions [Section 39.5(5) (1), (n), and (o) of the Act].

10.0 ATTACHMENTS

The following permits and attachments contain applicable requirements to this source and are an integral part of this permit. The permit conditions contained in these attachments should be thoroughly reviewed and complied with, including all emission limitations, monitoring, record keeping and reporting. Any requirements these permits and attachments that conflict with those requirements found in Sections 3 through 9 are superseded by those found in Sections 3 through 9.

10.1 Attachment 1 - Applicable New Source Performance Standards (NSPS)

10.1.1 40 CFR 60 Subpart DD--Standards of Performance for Grain Elevators

10.2 Attachment 2 - Applicable National Emission Standards for
Hazardous Air Pollutants (NESHAP)

10.2.1 40 CFR 63 Subpart GGGG -- National Emission Standards for
Hazardous Air Pollutants: Solvent Extraction for
Vegetable Oil Production

- 10.3 Attachment 3- Applicable Regulations from 35 Illinois
Administrative Code, Subtitle B: Air Pollution,
Chapter I: Pollution Control Board
 - 10.3.1 35 IAC Part 212, Emission Standards and Limitations for
Visible and Particulate Matter Emissions from Stationary
Sources
 - 10.3.2 35 IAC Part 214, Emission Standards and Limitations for
Sulfur Emissions from Stationary Sources
 - 10.3.3 35 IAC Part 215, Emission Standards and Limitations for
Organic Material Emissions from Stationary Sources
 - 10.3.4 35 IAC Part 216, Emission Standards and Limitations for
Carbon Monoxide Emissions from Stationary Sources

10.4 Attachment 4 - State Construction and Operating Permits

- 10.4.1 State Construction Permit 82010001
- 10.4.2 State Construction Permit 83120003
- 10.4.3 State Construction Permit 84010048
- 10.4.4 State Construction Permit 84120001
- 10.4.5 State Construction Permit 85010019
- 10.4.6 State Construction Permit 86080052
- 10.4.7 State Construction Permit 87020050
- 10.4.8 State Construction Permit 87080006
- 10.4.9 State Construction Permit 87090074
- 10.4.10 State Construction Permit 87100071
- 10.4.11 State Construction Permit 88090061
- 10.4.12 State Construction Permit 90030058
- 10.4.13 State Construction Permit 90070018
- 10.4.14 State Construction Permit 91110024
- 10.4.15 State Operating Permit 93030081
- 10.4.16 State Construction Permit 93050089
- 10.4.17 State Construction Permit 94030006
- 10.4.18 State Construction Permit 94030086
- 10.4.19 State Construction Permit 96020022
- 10.4.20 State Construction Permit 96080118
- 10.4.21 State Construction Permit 97100080
- 10.4.22 State Joint Construction and Operating Permit 98020003
- 10.4.23 State Joint Construction and Operating Permit 98030126
- 10.4.24 State Joint Construction and Operating Permit 99030055

10.5 Attachment 5 - Example Certification by a Responsible Official

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Name: _____

Official Title: _____

Telephone No.: _____

Date Signed: _____

10.6 Attachment 6 - Guidance on Revising This Permit

The Permittee must submit an application to the Illinois EPA using the appropriate revision classification in accordance with Sections 39.5(13) and (14) of the Act and 35 IAC 270.302. Specifically, there are currently three classifications for revisions to a CAAPP permit. These are:

1. Administrative Permit Amendment;
2. Minor Permit Modification; and
3. Significant Permit Modification.

The Permittee must determine, request, and submit the necessary information to allow the Illinois EPA to use the appropriate procedure to revise the CAAPP permit. A brief explanation of each of these classifications follows.

1. Administrative Permit Amendment
 - Corrects typographical errors;
 - Identifies a change in the name, address, or phone number of any person identified in the permit, or provides a similar minor administrative change at the source;
 - Requires more frequent monitoring or reporting by the Permittee;
 - Allows for a change in ownership or operational control of the source where no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new Permittees has been submitted to the Illinois EPA. This shall be handled by completing form 272-CAAPP, REQUEST FOR OWNERSHIP CHANGE FOR CAAPP PERMIT; or
 - Incorporates into the CAAPP permit a construction permit, provided the conditions of the construction permit meet the requirements for the issuance of CAAPP permits; or
 - Incorporates into the CAAPP permit a construction permit, provided the conditions of the construction permit meet the requirements for the issuance of CAAPP permits.

2. Minor Permit Modification

- Do not violate any applicable requirement;
- Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;
- Do not require a case-by-case determination of an emission limitation or other standard, or a source-specific determination of ambient impacts, or a visibility or increment analysis;
- Do not seek to establish or change a permit term or condition for which there is no corresponding underlying requirement and which avoids an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
 - A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the CAA; and
 - An alternative emissions limit approved pursuant to regulations promulgated under Section 112(i)(5) of the CAA.
- Are not modifications under any provision of Title I of the CAA;
- Are not required to be processed as a significant permit modification; and
- Modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches.

An application for a minor permit modification shall include the following:

- A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
- The source's suggested draft permit/conditions;
- Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and

- Information as contained on form 271-CAAPP, MINOR PERMIT MODIFICATION FOR CAAPP PERMIT for the Illinois EPA to use to notify USEPA and affected States.

3. Significant Permit Modification

- Applications that do not qualify as either minor permit modifications or as administrative permit amendments;
- Applications requesting a significant change in existing monitoring permit terms or conditions;
- Applications requesting a relaxation of reporting or recordkeeping requirements; and
- Cases in which, in the judgment of the Illinois EPA, action on an application for modification would require decisions to be made on technically complex issues.

An application for a significant permit modification shall include the following:

- A detailed description of the proposed change(s), including all physical changes to equipment, changes in the method of operation, changes in emissions of each pollutant, and any new applicable requirements which will apply as a result of the proposed change. Note that the Permittee need only submit revised forms for equipment and operations that will be modified.

The Illinois EPA requires the information on the following appropriate forms to be submitted in accordance with the proper classification:

- Form 273-CAAPP, REQUEST FOR ADMINISTRATIVE PERMIT AMENDMENT FOR CAAPP PERMIT; or
- Form 271-CAAPP, MINOR PERMIT MODIFICATION FOR CAAPP PERMIT; or
- Form 200-CAAPP, APPLICATION FOR CAAPP PERMIT (for significant modification).

Application forms can be obtained from the Illinois EPA website at <http://www.epa.state.il.us/air/forms>.

Note that the request to revise the permit must be certified for truth, accuracy, and completeness by a responsible official.

Note that failure to submit the required information may require the Illinois EPA to deny the application. The Illinois EPA reserves the right to require that additional information be submitted as needed to evaluate or take final action on applications pursuant to Section 39.5(5)(g) of the Act and 35 IAC 270.305.



Illinois Environmental Protection Agency
Division Of Air Pollution Control -- Permit Section
P.O. Box 19506
Springfield, Illinois 62794-9506

Application For Construction Permit (For CAAPP Sources Only)	For Illinois EPA use only
	I.D. number:
	Permit number:
	Date received:

This form is to be used by CAAPP sources to supply information necessary to obtain a construction permit. Please attach other necessary information and completed CAAPP forms regarding this construction/modification project.

Source Information		
1. Source name:		
2. Source street address:		
3. City:	4. Zip code:	
5. Is the source located within city limits?		<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Township name: <input type="checkbox"/>	7. County:	8. I.D. number:

Owner Information		
9. Name:		
10. Address:		
11. City:	12. State:	13. Zip code:

Operator Information (if different from owner)		
14. Name		
15. Address:		
16. City:	17. State:	18. Zip code:

Applicant Information	
19. Who is the applicant? <input type="checkbox"/> Owner <input type="checkbox"/> Operator	20. All correspondence to: (check one) <input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Source
21. Attention name and/or title for written correspondence:	
22. Technical contact person for application:	23. Contact person's telephone number:

This Agency is authorized to require and you must disclose this information under 415 ILCS 5/39. Failure to do so could result in the application being denied and penalties under 415 ILCS 5 et seq. It is not necessary to use this form in providing this information. This form has been approved by the forms management center.

Summary Of Application Contents	
24. Does the application address whether the proposed project would constitute a new major source or major modification under each of the following programs: a) Non-attainment New Source Review – 35 IAC Part 203; b) Prevention of Significant Deterioration (PSD) – 40 CFR 52.21; c) Hazardous Air Pollutants: Regulations Governing Constructed or Reconstructed Major Sources – 40 CFR Part 63?	<input type="checkbox"/> Yes <input type="checkbox"/> No
25. Does the application identify and address all applicable emissions standards, including those found in the following: a) Board Emission Standards – 35 IAC Chapter I, Subtitle B; b) Federal New Source Performance Standards – 40 CFR Part 60; c) Federal Standards for Hazardous Air Pollutants – 40 CFR Parts 61 and 63?	<input type="checkbox"/> Yes <input type="checkbox"/> No
26. Does the application include a process flow diagram(s) showing all emission units and control equipment, and their relationship, for which a permit is being sought?	<input type="checkbox"/> Yes <input type="checkbox"/> No
27. Does the application include a complete process description for the emission units and control equipment for which a permit is being sought?	<input type="checkbox"/> Yes <input type="checkbox"/> No
28. Does the application include the information as contained in completed CAAPP forms for all appropriate emission units and air pollution control equipment, listing all applicable requirements and proposed exemptions from otherwise applicable requirements, and identifying and describing any outstanding legal actions by either the USEPA or the Illinois EPA? Note: The use of "APC" application forms is not appropriate for applications for CAAPP sources. CAAPP forms should be used to supply information.	<input type="checkbox"/> Yes <input type="checkbox"/> No
29. If the application contains TRADE SECRET information, has such information been properly marked and claimed, and have two separate copies of the application suitable for public inspection and notice been submitted, in accordance with applicable rules and regulations?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable, No TRADE SECRET information in this application

Note 1: Answering "No" to any of the above may result in the application being deemed incomplete.

Signature Block	
This certification must be signed by a responsible official. Applications without a signed certification will be returned as incomplete.	
30. I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate and complete. Authorized signature:	
BY:	_____
	AUTHORIZED SIGNATURE

	TYPED OR PRINTED NAME OF SIGNATORY

	TITLE OF SIGNATORY
	_____/_____/_____ DATE

Note 2: An operating permit for the construction/modification permitted in a construction permit must be obtained by applying for the appropriate revision to the source's CAAPP permit, if necessary.

10.8 Attachment 8 - Guidance on Renewing This Permit

Timeliness - Pursuant to Section 39.5(5)(n) of the Act and 35 IAC 270.301(d), a source must submit to the Illinois EPA a complete CAAPP application for the renewal of a CAAPP permit not later than 9 months before the date of permit expiration of the existing CAAPP permit in order for the submittal to be deemed timely. Note that the Illinois EPA typically sends out renewal notices approximately 18 months prior to the expiration of the CAAPP permit.

The CAAPP application must provide all of the following information in order for the renewal CAAPP application to be deemed complete by the Illinois EPA:

1. A completed renewal application form 200-CAAPP, APPLICATION FOR CAAPP PERMIT.
2. A completed compliance plan form 293-CAAPP, COMPLIANCE PLAN/SCHEDULE OF COMPLIANCE FOR CAAPP PERMIT.
3. A completed compliance certification form 296-CAAPP, COMPLIANCE CERTIFICATION, signed by the responsible official.
4. Any applicable requirements that became effective during the term of the permit and that were not included in the permit as a reopening or permit revision.
5. If this is the first time this permit is being renewed and this source has not yet addressed CAM, the application should contain the information on form 464-CAAPP, COMPLIANCE ASSURANCE MONITORING (CAM) PLAN.
6. Information addressing any outstanding transfer agreement pursuant to the ERMS.
7. a. If operations of an emission unit or group of emission units remain unchanged and are accurately depicted in previous submittals, the application may contain a letter signed by a responsible official that requests incorporation by reference of existing information previously submitted and on file with the Illinois EPA. This letter must also include a statement that information incorporated by reference is also being certified for truth and accuracy by the responsible official's signing of the form 200-CAAPP, APPLICATION FOR CAAPP PERMIT and the form 296-CAAPP, COMPLIANCE CERTIFICATION. The boxes

should be marked yes on form 200-CAAPP, APPLICATION FOR CAAPP PERMIT, as existing information is being incorporated by reference.

- b. If portions of current operations are not as described in previous submittals, then in addition to the information above for operations that remain unchanged, the application must contain the necessary information on all changes, e.g., discussion of changes, new or revised CAAPP forms, and a revised fee form 292-CAAPP, FEE DETERMINATION FOR CAAPP PERMIT, if necessary.
8. Information about all off-permit changes that were not prohibited or addressed by the permit to occur without a permit revision and the information must be sufficient to identify all applicable requirements, including monitoring, recordkeeping, and reporting requirements, for such changes.
9. Information about all changes made under 40 CFR 70.4(b)(12)(i) and (ii) that require a 7-day notification prior to the change without requiring a permit revision.

The Illinois EPA will review all applications for completeness and timeliness. If the renewal application is deemed both timely and complete, the source shall continue to operate in accordance with the terms and conditions of its CAAPP permit until final action is taken on the renewal application.

Notwithstanding the completeness determination, the Illinois EPA may request additional information necessary to evaluate or take final action on the CAAPP renewal application. If such additional information affects your allowable emission limits, a revised form 292-CAAPP, FEE DETERMINATION FOR CAAPP PERMIT must be submitted with the requested information. The failure to submit to the Illinois EPA the requested information within the time frame specified by the Illinois EPA, may force the Illinois EPA to deny your CAAPP renewal application pursuant to Section 39.5 of the Act.

Application forms may be obtained from the Illinois EPA website at <http://www.epa.state.il.us/air/forms.html>.

If you have any questions regarding this matter, please contact a permit analyst at 217/782-2113.

Mail renewal applications to:

Illinois Environmental Protection Agency

Division of Air Pollution Control
Permit Section (MC 11)
P.O. Box 19506
Springfield, Illinois 62794-9506