

PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

Consolidated Grain and Barge Company Bluff Road Mount Vernon, Indiana 47620

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This approval is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: 129-10111-00035	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: February 20, 2002 Expiration Date: February 20, 2006
First Administrative Amendment No.: 129-14511, issued on September 5, 2001 Second Administrative Amendment No.: 129-15173, issued on January 12, 2002	
1 st Significant Permit Modification No.: 129-15765	Pages Affected: 11, 38, 39, 40, 43 Pages Added: 40a
Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office Of Air Quality	Issuance Date: May 15, 2002

- (qqq) Two (2) rail loadout systems that operates at a maximum total capacity of 383.3 tons per hour, based on only one system operating at a time, and control PM emissions with one (1) baghouse (C15) that exhausts to Stack 15;
- (rrr) One (1) enclosed conveyor that transfers soybean meal from the lower surge to the barge loadout system at a maximum rate of 383.3 tons;
- (sss) One (1) barge loadout system that operates at a maximum capacity of 383.3 tons per hour and controls PM emissions with one (1) baghouse (C15) that exhausts to Stack 15;
- (ttt) Three (3) 33.7 million (MM)Btu per hour natural gas fired boilers that exhaust to Stacks 17, 18, and 18A;
- (uuu) Two (2) fixed roof hexane storage tanks with a maximum storage capacity of 14,000 gallons each;
- (vvv) One (1) fixed roof hexane work tank with a maximum storage capacity of 8,000 gallons;
- (www) Four (4) fixed roof soybean oil storage tanks with a maximum storage capacity of 932 cubic meters each;
- (xxx) Three (3) fixed roof soybean oil storage day tanks with a maximum storage capacity of 114 cubic meters each; and
- (yyy) One (1) fixed roof dust suppression soybean/mineral oil storage tank with a maximum storage capacity of 1,000 gallons.
- (zzz) Two (2) soybean storage piles, each with a maximum annual throughput of 0.75 million bushels per year.
- (aaaa) One (1) new silo, with a maximum capacity of 525,000 bushels, and a maximum handling rate of 157,500 tons per year, using oil application to control PM emissions. The new silo will not increase the overall throughput of the soybeans at the plant, but will allow the source to separate genetically altered crops from non-genetically altered ones.
- (bbbb) One (1) new enclosed belt conveyor to load the new silo.
- (cccc) One (1) new enclosed drag conveyor to loadout the new silo.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3]

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22).
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION D.1 (cont.)

- (www) Four (4) fixed roof soybean oil storage tanks with a maximum storage capacity of 932 cubic meters each;
- (xxx) Three (3) fixed roof soybean oil storage day tanks with a maximum storage capacity of 114 cubic meters each; and
- (yyy) One (1) fixed roof dust suppression soybean/mineral oil storage tank with a maximum storage capacity of 1,000 gallons.
- (zzz) Two (2) soybean storage piles, each with a maximum annual throughput of 0.75 million bushels per year.
- (aaaa) One (1) new silo, with a maximum capacity of 525,000 bushels, and a maximum handling rate of 157,500 tons per year, using oil application to control PM emissions. The new silo will not increase the overall throughput of the soybeans at the plant, but will allow the source to separate genetically altered crops from non-genetically altered ones.
- (bbbb) One (1) new enclosed belt conveyor to load the new silo.
- (cccc) One (1) new enclosed drag conveyor to loadout the new silo.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions).

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the affected facilities described in this section except when otherwise specified in 40 CFR Part 60, Subpart DD.

D.1.2 New Source Performance Standards(NSPS) Grain Elevators [326 IAC 12] [40 CFR Subpart DD 60.302(b)]

Pursuant to 40 CFR Subpart DD 60.302(b), process emission gases discharged into the atmosphere from the:

- (a) north truck only receiving pit; north house bin loading area elevator and conveyors; north storage/loadout area conveyors;
- (b) receiving area P1 truck only receiving pit, belt conveyor system, aspirated receiving leg, drag conveyor and covered belt conveyor;
- (c) receiving area P2 hopper bottom truck and rail receiving pits, drag conveyors and aspirated receiving legs;
- (d) barge receiving area clamshell crane or bucket unloading, aspirated hopper, belt/mass flow conveyors, conveyor system and bucket elevators;
- (e) drag conveyors comprising two conveyance systems between the storage silos and elevator legs; elevator legs; conveyor between the elevator legs and magnet;

- (f) cleaning system cleaner, aspirators, hoppers, and scale; and
- (g) L-Path drag conveyor; drag conveyor to the jet dryers;
- (h) one (1) new enclosed belt conveyor to load the new silo.
- (i) one (1) new enclosed drag conveyor to loadout the new silo.

shall not exceed particulate matter (PM) concentrations of 0.01 gr/dscf. Process emission gases from these facilities shall not exhibit greater than 0 percent opacity.

D.1.3 New Source Performance Standards(NSPS) Grain Elevators [326 IAC 12] [40 CFR Subpart DD 60.302(c)]

- (a) Pursuant to 40 CFR Subpart DD 60.302(c)(1), fugitive emissions from the truck unloading area P1, hopper bottom truck and rail car unloading area P2, north truck unloading area, and two (2) 0.75 million bushels per year soybean storage piles shall not exhibit greater than 5 % opacity.
- (b) Pursuant to 40 CFR Subpart DD 60.302(c)(2), fugitive emissions from the grain handling operations shall not exhibit greater than 0 % opacity 40 CFR Subpart DD 60.302(c).
- (c) Pursuant to 40 CFR Subpart DD 60.302(c)(4), the barge unloading operation shall operate as follows:
 - (1) The unloading leg shall be enclosed from the top (including the receiving hopper) to the center line of the bottom pulley and ventilation to a control device shall be maintained on both sides of the leg and the grain receiving hopper.
 - (2) The total rate of air ventilated shall be at least 32.1 actual cubic meters per cubic meter of grain handling capacity.

D.1.4 PSD Minor Limit [326 IAC 2-2] [40 CFR 52.21]

The throughput of processed soybeans to the soybean processing facilities shall not exceed 940,240 tons per twelve (12) consecutive month period. This limit is required such that the PTE PM and VOC is less than 250 tons per year. Compliance with this limit makes 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 not applicable.

D.1.5 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2, the PM from the:

Truck Receiving and Conveyors (P1), Rail/Hopper Bed Truck Receiving (P2), North Truck Receiving and Conveyors, Barge Grain Receiving (P16), Annex Silo Loading (P2A), Merchandizing Silo Loading (P26), North House Bin Loading, North House Storage Loadout, Soybean Cleaning (P4), Soybean Heater (P21), Soybean Cracking/Dehulling (P5), Soybean Expander (P23), Soybean Flaking (P19), DTDC Meal Drying (P10 & P11), DTDC Meal Cooling (P12), Meal Sizing (P9), Kaolin Handling (P3), Hull Grinding (P6), Hull Storage Loading (P7), Hull Storage Unloading (P7), Hull Pellet Cooling (P8), Hull Pellet Storage (P8), Meal Storage & Loadout Bins (P20), Truck Meal Loadout (P14), and Barge/Rail Meal Loadout (P15), Two (2) 0.75 million bushels per year soybean storage piles, one (1) new enclosed belt conveyor to load the new silo, one (1) new enclosed drag conveyor to loadout the new silo.

shall not exceed the pound per hour emission rate established as E in one of the following applicable formulas:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

-- or --

Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

D.1.6 Particulate Matter Emission Rate Limitations

Pursuant to Consolidated Grain and Barge Company's request, the particulate matter (PM) emission rates shall be limited to the potential controlled emissions as reported below:

Process	PM Emission Rate
Truck Receiving and Conveyors (P1)	0.56 lb/hr
Rail/Hopper Bed Truck Receiving (P2)	0.014 lb/ton bean unloaded
North Truck Receiving and Conveyors (P24)	0.43 lb/hr
Barge Grain Receiving (P16)	0.69 lb/hr
Annex Silo Loading (P2A)	0.003 lb/ton bean handled
Merchandizing Silo Loading (P26)	0.009 lb/ton bean handled
North House Bin Loading	0.009 lb/ton bean handled
North House Storage Loadout	0.009 lb/ton bean handled
Soybean Cleaning (P4)	0.82 lb/hr
Soybean Heater (P21) and Soybean Cracking/Dehulling (P5)	12.40 lbs/hr
Soybean Expander (P23)	2.50 lb/hr
Soybean Flaking (P19)	0.39 lb/hr
DTDC Meal Drying Section 1 (P10)	10.00 lb/hr
DTDC Meal Drying Section 2 (P11)	1.80 lb/hr
DTDC Meal Cooling (P12)	1.00 lb/hr
Meal Sizing (P9)	0.26 lb/hr
Kaolin Handling (P3)	0.10 lb/hr
Hull Grinding (P6)	0.03 lb/hr
Hull Storage and Handling (P7)	0.34 lb/hr
Hull Pellet Cooling (P8)	5.14 lb/hr
Hull Pellet Storage (P8)	0.17 lb/hr
Meal Storage & Loadout Bins (P20)	0.26 lb/hr
Truck Meal Loadout (P14)	0.69 lb/hr
Barge/Rail Meal Loadout (P15)	0.69 lb/hr

Compliance with these voluntary limits satisfies the requirements of 326 IAC 6-3-2 in Condition D.1.5 for these facilities.

D.1.7 Best Available Control Technology (BACT) [326 IAC 8-1-6]

Pursuant to CP-129-7488-00035 (issued on July 17, 1995), as revised by source modification (129-12235-00035), the VOC (hexane) emissions from the soybean oil extractor plant shall comply with the Best Available Control Technology (BACT) for the oil extractor, meal dryers, and meal cooler. The company shall assure compliance with BACT by performing monitoring and recordkeeping such that the following limits are not exceeded:

- (a) the hexane usage shall be limited to 0.225 gallons per ton of soybean crushed, and
- (b) the total amount of soybeans processed at the plant shall meet the limit established in Condition D.1.4.

The limits established correspond to the following BACT determinations:

Leg, Truck Loadout, Rail Loadout, and Barge Loadout shall be in operation at all times those facilities are in operation.

- (b) The cyclones for the Cleaning System, Jet Dryers, CCD Dryers, CCC Coolers, Cracking and Dehulling, Hull Screening/Aspiration, Hull Pellet Cooler, DTDC Dryers, DTDC Cooler shall operate at all times when those facilities are in operation.
- (c) Dust control oil shall be applied at all times that the new Belt Conveyor and new Drag Conveyor for the new Silo, Conveyors/Legs, Storage Silos, Magnet, Cleaning system and loading/unloading operations listed as utilizing said control are in operation. Oil application shall be at a rate determined appropriate based on PM compliance tests.
- (d) The H.B. Truck and Rail receiving pits shall be limited to hopper bottom rail cars and trucks with choke unloading. Unloading at these receiving pits shall be conducted inside a two-sided and roofed enclosure to minimize fugitive emissions. Guidelines shall be posted in this area which address these operational limitations.
- (e) Emissions shall be minimized in all receiving, handling, and shipping operations by appropriate methods. These may include, but may not be limited to: dust collection systems, windscreens, baffles, restricted hopper openings, enclosed transfer points, and flexible drop spouts and/or sleeves.
- (f) Good housekeeping and equipment maintenance procedures shall be implemented.

D.1.12 Volatile Organic Compounds (VOC)

The mineral oil absorber shall operate at all times the soybean oil extractor, desolventizer, evaporators or condensers are in operation.

D.1.13 VOC and PM Emissions

Compliance with Condition D.1.4 shall be demonstrated within 30 days of the end of month based on the total processed grain throughput for that month and the previous eleven (11) months.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.14 Visible Emissions Notations

- (a) Daily visible emission notations of the baghouse, cyclone, and absorber stack exhausts shall be performed once per working shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) Daily visible emission notations of the H.B. Truck and Rail receiving pits shall be performed once per working shift during daylight hours from outside the receiving area enclosure during normal daylight operations when rail car or truck unloading is occurring. A trained employee shall record whether emissions are normal or abnormal. These notations should be taken from a position approximately perpendicular to the prevailing wind direction which allows the trained employee to see the leeward side of the structure.
- (c) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (d) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Significant Part 70 Operating Permit Modification

Source Background and Description

Source Name:	Consolidated Grain and Barge Company	
Source Location:	Bluff Road, Mount Vernon, Indiana 47620	
County:	Posey	
SIC Code:	2057	
Operation Permit No.:	T 129-10111-00035	Issuance Date: February 20, 2001
Significant Permit Modification:	129-15765	
Permit Reviewer:	Aida De Guzman	

The Office of Air Quality (OAQ) has reviewed a modification application from Consolidated Grain and Barge Company relating to the operation of the following emission units to be used at the soybean oil extraction plant:

- (a) One (1) new silo, with a maximum capacity of 525,000 bushels, and a maximum handling rate of 157,500 tons per year, using oil application to control PM emissions. The new silo will not increase the overall throughput of the soybeans at the plant, but will allow the source to separate genetically altered crops from non-genetically altered ones.
- (b) One (1) new enclosed belt conveyor to load the new silo.
- (c) One (1) new enclosed drag conveyor to loadout the new silo.

History

March 19, 2002, Consolidated Grain and Barge Company, submitted an application to the OAQ requesting to add additional silo and conveyors to their existing plant. Consolidated Grain and Barge Company was issued a Part 70 permit on February 20, 2001.

Existing Approvals

The source was issued a Part 70 Operating Permit (T129-10111-00035) on February 20, 2001. The source has since received the following:

- (a) First Administrative Amendment No.: 129-14511, issued on September 5, 2001 and
- (b) Second Administrative Amendment No.: 129-15173, issued on January 12, 2002.

Recommendation

The staff recommends to the Commissioner that the Significant Permit Modification be approved. This recommendation is based on the following facts and conditions:
Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on March 19, 2002.

Emission Calculations

- (a) New Silo and Conveyors: The emission from these new equipment was determined in the Minor Source Modification 129-15392. This significant permit modification will not result in any change in the emission.

Justification of Permit Level

The permit change is being reviewed pursuant to 326 IAC 2-7-12(d), Significant Permit Modification since the modification is subject to the provision of Title I of the Clean Air Act.

Federal Rule Applicability

This permit modification will not result in any change to the federal rules, already determined in Minor Source Modification 129-15392.

State Rule Applicability

This permit modification will not result in any change to the state rules, already determined in Minor Source Modification 129-15392.

Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

Changes to the Part 70 Permit

Due to the addition of new emission units (1 silo, 1 belt conveyor and 1 drag conveyor), the Part 70 permit is modified to incorporate the applicable requirements for these units,) changes are **bolded** and deletions are ~~struck-through~~ for emphasis):

Sections A.2 and D.1 are modified to include the new emission units:

(aaa) One (1) new silo, with a maximum capacity of 525,000 bushels, and a maximum handling rate of 157,500 tons per year, using oil application to control PM emissions. The new silo will not increase the overall throughput of the soybeans at the plant, but will allow the source to separate genetically altered crops from non-genetically altered ones.

(bbbb) One (1) new enclosed belt conveyor to load the new silo.

(cccc) One (1) new enclosed drag conveyor to loadout the new silo.

SECTION D.1 (cont.)

(www) Four (4) fixed roof soybean oil storage tanks with a maximum storage capacity of 932 cubic meters each;

(xxx) Three (3) fixed roof soybean oil storage day tanks with a maximum storage capacity of 114 cubic meters each;

(yyy) One (1) fixed roof dust suppression soybean/mineral oil storage tank with a maximum storage capacity of 1,000 gallons; and

(zzz) Two (2) soybean storage piles, each with a maximum annual throughput of 0.75 million bushels per year.

(aaa) One (1) new silo, with a maximum capacity of 525,000 bushels, and a maximum handling rate of 157,500 tons per year, using oil application to control PM emissions. The new silo will not increase the overall throughput of the soybeans at the plant, but will allow the source to separate genetically altered crops from non-genetically altered ones.

(bbbb) One (1) new enclosed belt conveyor to load the new silo.

(cccc) One (1) new enclosed drag conveyor to loadout the new silo.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions).

D.1.2 New Source Performance Standards(NSPS) Grain Elevators [326 IAC 12] [40 CFR Subpart DD 60.302(b)]

Pursuant to 40 CFR Subpart DD 60.302(b), process emission gases discharged into the atmosphere from the:

- (a) north truck only receiving pit; north house bin loading area elevator and conveyors; north storage/loadout area conveyors;
- (b) receiving area P1 truck only receiving pit, belt conveyor system, aspirated receiving leg, drag conveyor and covered belt conveyor;
- (c) receiving area P2 hopper bottom truck and rail receiving pits, drag conveyors and aspirated receiving legs;
- (d) barge receiving area clamshell crane or bucket unloading, aspirated hopper, belt/mass flow conveyors, conveyor system and bucket elevators;
- (e) drag conveyors comprising two conveyance systems between the storage silos and elevator legs; elevator legs; conveyor between the elevator legs and magnet;
- (f) cleaning system cleaner, aspirators, hoppers, and scale;
- (g) L-Path drag conveyor; drag conveyor to the jet dryers; ~~and~~
- (h) ~~two (2) 0.75 million bushels per year storage piles,~~ **one (1) new enclosed belt conveyor to load the new silo.**
- (i) **one (1) new enclosed drag conveyor to loadout the new silo.**

shall not exceed particulate matter (PM) concentrations of 0.01 gr/dscf. Process emission gases from these facilities shall not exhibit greater than 0 percent opacity.

D.1.5 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2, the PM from the:

Truck Receiving and Conveyors (P1), Rail/Hopper Bed Truck Receiving (P2), North Truck Receiving and Conveyors, Barge Grain Receiving (P16), Annex Silo Loading (P2A), Merchandising Silo Loading (P26), North House Bin Loading, North House Storage Loadout, Soybean Cleaning (P4), Soybean Heater (P21), Soybean Cracking/Dehulling (P5), Soybean Expander (P23), Soybean Flaking (P19), DTDC Meal Drying (P10 & P11), DTDC Meal Cooling (P12), Meal Sizing (P9), Kaolin Handling (P3), Hull Grinding (P6), Hull Storage Loading (P7), Hull Storage Unloading (P7), Hull Pellet Cooling (P8), Hull Pellet Storage (P8), Meal Storage & Loadout Bins (P20), Truck Meal Loadout (P14), Barge/Rail Meal Loadout (P15), ~~and two (2) 0.75 million bushels per year soybean storage piles,~~ **one (1) new belt conveyor to load new silo and one (1) new drag conveyor to loadout new silo.**

shall not exceed the pound per hour emission rate established as E in one of the following applicable formulas:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

-- or --

Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

D.1.11 Particulate Matter (PM)

Compliance with PM emission limitations contained in Conditions D.1.2, D.1.5 and D.1.6 shall be demonstrated by the following conditions:

- (a) The baghouses for the North Truck Receiving, P1 Truck Receiving/Receiving Leg, Barge Receiving/Conveyors, Kaolin Receiving Bins, Magnet, Cleaning System, Hull Grinders, Hull Storage Bins, Pellet Mill Hull Feed Hopper, Pellet Storage Bins, Meal Flakers, Meal Screeners, Meal Screening Hopper, Meal Grinders, Mixed Meal Elevator Leg, Truck Loadout, Rail Loadout, and Barge Loadout shall be in operation at all times those facilities are in operation.
- (b) The cyclones for the Cleaning System, Jet Dryers, CCD Dryers, CCC Coolers, Cracking and Dehulling, Hull Screening/Aspiration, Hull Pellet Cooler, DTDC Dryers, DTDC Cooler shall operate at all times when those facilities are in operation.
- (c) Dust control oil shall be applied at all times that **new Belt Conveyor and new Drag Conveyor for the new Silo**, Conveyors/Legs, Storage Silos, Magnet, Cleaning system and loading/unloading operations listed as utilizing said control are in operation. Oil application shall be at a rate determined appropriate based on PM compliance tests.
- (d) The H.B. Truck and Rail receiving pits shall be limited to hopper bottom rail cars and trucks with choke unloading. Unloading at these receiving pits shall be conducted inside a two-sided and roofed enclosure to minimize fugitive emissions. Guidelines shall be posted in this area which address these operational limitations.
- (e) Emissions shall be minimized in all receiving, handling, and shipping operations by appropriate methods. These may include, but may not be limited to: dust collection systems, windscreens, baffles, restricted hopper openings, enclosed transfer points, and flexible drop spouts and/or sleeves.
- (f) Good housekeeping and equipment maintenance procedures shall be implemented.

Conclusion

The operation of these new emission units shall be subject to the conditions of the attached **Significant Permit Modification No. 129-15765**.