



131 South Dearborn Street  
Suite 1700  
Chicago, IL 60603-5559

T +1.312.324.8400  
F +1.312.324.9400  
PerkinsCoie.com

Phyllis L. Volk  
PVolk@perkinscoie.com  
D. +1.312.324.8460  
F. +1.312.324.9460

November 10, 2017

**Via Federal Express**

Don Brown  
Clerk of the Board  
Illinois Pollution Control Board  
James R. Thompson Center  
100 West Randolph, Suite 11-500  
Chicago, Illinois 60601

**Re: IEI Barge Services, Inc., Petitioner v Illinois Environmental Protection Agency,  
Respondent**

Dear Mr. Brown:

Enclosed please find a Notice of Filing and a Joint Request For Ninety-Day Extension of Appeal Period in connection with the above referenced matter.

I have tried unsuccessfully to file these electronically by accessing your web site and obtaining a digital identification. Unfortunately, I was unable to do that and I am waiting for a response from Customer Support to help me obtain my digital identification.

Therefore, in the interest of getting these filed, I am sending them to you via Federal Express. Please advise me if this is acceptable or if I need to do anything else to file these documents.

Thank you very much.

Very truly yours,

A handwritten signature in blue ink that reads "Phyllis Volk".

Cc: James L. Morgan (w/encl.)

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD**

IEI BARGE SERVICES, INC.,  
Petitioner

v.

PCB NO. \_\_\_\_\_  
(Permit Appeal-Ninety  
Day Extension)

ILLINOIS ENVIRONMENTAL  
PROTECTION AGENCY,  
Respondent.

**NOTICE OF FILING**

TO: Don Brown  
Clerk of the Board  
Illinois Pollution Control Board  
James R. Thompson Center  
100 West Randolph, Suite 11-500  
Chicago, Illinois 60601  
**(VIA ELECTRONIC MAIL)**

PLEASE TAKE NOTICE that I have today filed with the Office of the Clerk of the Illinois Pollution Control Board IEI Barge Services, Inc.'s and the Illinois Environmental Protection Agency's **JOINT REQUEST FOR NINETY-DAY EXTENSION OF APPEAL PERIOD**, a copy of which is herewith served upon you.

Respectfully submitted,

IEI Barge Services, Inc.,  
Petitioner

Dated: November 10, 2017

By: /s/ Phyllis Volk   
Counsel for Petitioner

Phyllis Volk  
Perkins Coie LLP  
131 South Dearborn Street  
Suite 1700  
Chicago, Illinois 60603-5559  
(312) 324-8400

James L. Morgan  
Illinois Environmental Protection Agency  
1021 North Grand Avenue  
Post Office Box 19276  
Springfield, Illinois 62794-9276  
(217)524-1376

CERTIFICATE OF SERVICE

I, Phyllis Volk, the undersigned, hereby certify that I have served the attached **JOINT**

**REQUEST FOR NINETY-DAY EXTENSION OF APPEAL PERIOD** upon:

Don Brown  
Clerk of the Board  
Illinois Pollution Control Board  
James R. Thompson Center  
100 West Randolph, Suite 11-500  
Chicago, Illinois 60601

via electronic mail on November 10, 2017; and upon:

James L. Morgan  
Illinois Environmental Protection Agency  
1021 North Grand Avenue  
Post Office Box 19276  
Springfield, Illinois 62794-9276

By depositing said documents in the United States Mail, postage prepaid, on November 10,  
2017.

  
By: /s/ Phyllis Volk  
Counsel for Petitioner

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD**

IEI BARGE SERVICES, INC.,  
Petitioner

v.

ILLINOIS ENVIRONMENTAL  
PROTECTION AGENCY,  
Respondent.

PCB NO. \_\_\_\_\_  
(Permit Appeal-Ninety  
Day Extension)

**JOINT REQUEST FOR  
NINETY-DAY EXTENSION OF APPEAL PERIOD**

NOW COME the Petitioner, IEI Barge Services, Inc., by and through its attorneys, and Respondent, the Illinois Environmental Protection Agency ("Illinois EPA"), by one of its attorneys, James L. Morgan, Deputy General Counsel, pursuant to Section 40(a)(1) of the Illinois Environmental Protection Act (415 ILCS 5/40(a)(1)) and 35 Ill. Admin Code § 105.208(a), and hereby request that the Illinois Pollution Control Board ("Board") grant an extension of the 35-day period for petitioning for a hearing to contest the Construction Permit - Revised, Application No. 13080035 (the "Permit"), a copy of which is attached hereto as Exhibit A.

The parties stipulate to and respectfully request an extension of 90 days, up to and including February 12, 2018 for Petitioner to file a Petition for Review of the Construction Permit. The requested date is within 125 days of service of the Permit on Petitioner.

In support of this request, the parties further submit:

1. On October 10, 2017, Illinois EPA issued the Permit to IEI Barge Services, Inc. (Facility I.D. 085804AAA) for the construction of various emission units and/or air pollution control equipment associated with modifications to increase the throughput of the facility's bulk material handling operation and to add a rail loading system.

2. Petitioner has concerns regarding certain conditions of the Permit, and Illinois EPA have met to review and discuss the Petitioner's concerns.

3. On November 6, 2017, Petitioner made a written request (attached hereto as Exhibit B) to the Illinois EPA for an extension of time by which to file a petition for review, asking the Illinois EPA to join in requesting that the Board extend the 35-day period for filing a petition by 90 days.


4. The parties agree that additional time would be useful to allow negotiations that may eliminate the need to submit a formal appeal.

WHEREFORE, for the reasons stated above, Petitioner, IEI BARGE SERVICES, INC., and Respondent, the ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, request that the Illinois Pollution Control Board grant this request for a 90-day extension of the 35-day period for Petitioner to file a Petition for Review of the Construction Permit.

Dated: November 1, 2017.

Respectfully submitted,

IEI BARGE SERVICES, INC.,  
Petitioner,

By: /s/ Phyllis Volk   
Counsel for Petitioner

ILLINOIS ENVIRONMENTAL PROTECTION  
AGENCY,  
Respondent

By:   
James L. Morgan

Phyllis Volk  
Perkins Coie LLP  
131 South Dearborn Street  
Suite 1700  
Chicago, Illinois 60603-5559  
(312) 324-8400

James L. Morgan  
Illinois Environmental Protection Agency  
1021 North Grand Avenue  
Post Office Box 19276  
Springfield, Illinois 62794-9276  
(217) 524-1376

Exhibit A

Construction Permit

(See attached)



## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

BRUCE RAUNER, GOVERNOR

ALEC MESSINA, DIRECTOR

217/785-1705

### CONSTRUCTION PERMIT -- REVISED

#### PERMITTEE

IEI Barge Services, Inc.  
Attn: Joe Bitter  
18525 Highway 20 West  
East Dubuque, Illinois 61025

Application No.: 13080035

I.D. No.: 085804AAA

Applicant's Designation:

Date Received: July 17, 2017

Subject: Modification of Air Permit Limits for a Bulk Delivery/Transportation Facility

Date Issued: October 10, 2017

Location: 18525 Highway 20 West, East Dubuque, Jo Daviess County

Permit is hereby granted to the above-designated Permittee to CONSTRUCT emission unit(s) and/or air pollution control equipment consisting of modifications to increase the throughput of the bulk materials handling operation and to add one rail unloading system and to add materials to the list of bulk materials as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This permit is issued based on the addition of dry bulk material handling and the rail unloading system for grain not constituting a new major source or major modification pursuant to Title I of the Clean Air Act, specifically 40 CFR 52.21 (Prevention of Significant Deterioration (PSD)). The source has requested that the Illinois EPA establish emission limitations and other appropriate terms and conditions in this permit that limit the emissions of particulate matter (PM) and particulate matter less than 10 microns (PM<sub>10</sub>) from the source below the levels that would trigger the applicability of these rules.
- b. Operation of the equipment listed above is allowed under this permit until final action is taken on the Federally Enforceable State Operation Permit (FESOP) application for this source.
- 2a. The dry bulk material handling and the rail unloading system are subject to 35 Ill. Adm. Code Part 212 Subpart B (Visible Emissions). Pursuant to 35 Ill. Adm. Code 212.123(a), 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 35 Ill. Adm. Code 212.122.
- b. Pursuant to 35 Ill. Adm. Code 212.123(b), the emission of smoke or other particulate matter from any such emission unit may have an opacity greater than 30 percent but not greater than 60 percent for a period or periods aggregating 8 minutes in any 60 minute period provided that such opaque emissions permitted during any 60 minute period shall occur from only one such emission unit located within a 305 m (1000 ft) radius from the center point of any other such emission



unit owned or operated by such person, and provided further that such opaque emissions permitted from each such emission unit shall be limited to 3 times in any 24 hour period.

- c. The source is subject to 35 Ill. Adm. Code Part 212 Subpart K (Fugitive Particulate Matter). Pursuant to 35 Ill. Adm. Code 212.301, 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 toward the zenith at a point beyond the property line of the source.
- d. The dry bulk material handling and the rail unloading system are subject to 35 Ill. Adm. Code Part 212 Subpart L (Particulate Matter Emissions from Process Emission Units). Pursuant to 35 Ill. Adm. Code 212.321(a), no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in 35 Ill. Adm. Code 212.321(c).
- e. Pursuant to 35 Ill. Adm. Code 212.321(b), interpolated and extrapolated values of the data in 35 Ill. Adm. Code 212.321(c) shall be determined by using the equation:

$$E = A(P)^B$$

where:

P = Process weight rate; and  
 E = Allowable emission rate; and,

- i. Up to process weight rates of 408 Mg/hr (450 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	1.214	2.54
B	0.534	0.534

- ii. For process weight rate greater than or equal to 408 Mg/hr (450 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	11.42	24.8
B	0.16	0.16

- f. Pursuant to 35 Ill. Adm. Code 212.321(c), Limits for Process Emission Units For Which Construction or Modification Commenced On or After April 14, 1972:

Metric		English	
P	E	P	E
Mg/hr	kg/hr	T/hr	lbs/hr
0.05	0.25	0.05	0.55
0.1	0.29	0.10	0.77
0.2	0.42	0.20	1.10
0.3	0.64	0.30	1.35
0.4	0.74	0.40	1.58
0.5	0.84	0.50	1.75
0.7	1.00	0.75	2.40
0.9	1.15	1.00	2.60
1.8	1.66	2.00	3.70
2.7	2.1	3.00	4.60
3.6	2.4	4.00	5.35
4.5	2.7	5.00	6.00
9.	3.9	10.00	8.70
13.	4.8	15.00	10.80
18.	5.7	20.00	12.50
23.	6.5	25.00	14.00
27.	7.1	30.00	15.60
32.	7.7	35.00	17.00
36.	8.2	40.00	18.20
41.	8.8	45.00	19.20
45.	9.3	50.00	20.50
90.	13.4	100.00	29.50
140.	17.0	150.00	37.00
180.	19.4	200.00	43.00
230.	22.	250.00	48.50
270.	24.	300.00	53.00
320.	26.	350.00	58.00
360.	28.	400.00	62.00
408.	30.1	450.00	66.00
454.	30.4	500.00	67.00

where:

P = Process weight rate in metric or T/hr, and  
 E = Allowable emission rate in kg/hr or lbs/hr.

- g. The handling of grain in the rail unloading system is subject to 35 Ill. Adm. Code Part 212 Subpart S (Agriculture).
- 3. This permit is issued based on the handling of grain in the rail unloading system at this source not being subject to the New Source Performance Standards (NSPS) for Grain Elevators, 40 CFR 60 Subpart DD, because the permanent storage capacity of the source is less than 88,100 m<sup>3</sup> (ca. 2.5 million U.S. bushels).
- 4. This permit is issued based on the handling of grain in the rail unloading system at this source not being subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Area Sources: Prepared Feeds Manufacturing, 40 CFR 63 Subpart DDDDDDD because this source is not a prepared feeds manufacturing facility, as defined in 40 CFR 63.11627.

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- 5a. Pursuant to 35 Ill. Adm. Code 212.314, 35 Ill. Adm. Code 212.301 shall not apply and spraying pursuant to 35 Ill. Adm. Code 212.304 through 212.310 and 35 Ill. Adm. Code 212.312 shall not be required when the wind speed is greater than 40.2 km/hour (25 mph). Determination of wind speed for the purposes of this rule shall be by a one-hour average or hourly recorded value at the nearest official station of the U.S. Weather Bureau or by wind speed instruments operated on the site. In cases where the duration of operations subject to this rule is less than one hour, wind speed may be averaged over the duration of the operations on the basis of on-site wind speed instrument measurements.
- b. This permit is issued based on the handling of grain in the rail unloading system at this source not being subject to 35 Ill. Adm. Code Part 212 Subpart L. Pursuant to 35 Ill. Adm. Code 212.461(a), 35 Ill. Adm. Code 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.
- c. This permit is issued based on the handling of grain in the rail unloading system at this source not being subject to 35 Ill. Adm. Code 212.462 (Grain Handling Operations). Pursuant to Section 9(f) of the Illinois Environmental Protection Act (Act), any grain elevator located outside of a major population area, as defined in 35 Ill. Adm. Code 211.3610, shall be exempt from the requirements of 35 Ill. Adm. Code 212.462 provided that the elevator:
- i. Does not violate the prohibitions of Section 9(a) of the Act or have a certified investigation, as defined in 35 Ill. Adm. Code 211.970, on file with the Illinois EPA; and
  - ii. Is not required to obtain a Clean Air Act Permit Program permit pursuant to Section 39.5 of the Act. Notwithstanding the above exemption, new stationary source performance standards for grain elevators, established pursuant to Section 9.1 of the Act and Section 111 of the federal Clean Air Act, shall continue to apply to grain elevators.
- 6a. Housekeeping Practices. Pursuant to 35 Ill. Adm. Code 212.461(b), all grain-handling and grain-drying operations, regardless of size, must implement and use the following housekeeping practices:
- i. Air pollution control devices shall be checked daily and cleaned as necessary to insure proper operation.
  - ii. Cleaning and Maintenance.
    - A. Floors shall be kept swept and cleaned from boot pit to cupola floor. Roof or bin decks and other exposed flat surfaces shall be kept clean of grain and dust that would tend to rot or become airborne.
    - B. Cleaning shall be handled in such a manner as not to permit dust to escape to the atmosphere.

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- C. The yard and surrounding open area, including but not limited to ditches and curbs, shall be cleaned to prevent the accumulation of rotting grain.
- iii. Dump Pit.
  - A. Aspiration equipment shall be maintained and operated.
  - B. Dust control devices shall be maintained and operated.
- iv. Head House. The head house shall be maintained in such a fashion that visible quantities of dust or dirt are not allowed to escape to the atmosphere.
- v. Property. The yard and driveway of any source shall be asphalted, oiled or equivalently treated to control dust.
- vi. Housekeeping Check List. Housekeeping check lists shall be completed by the manager and maintained on the premises for inspection by Illinois EPA personnel.
- 7a. In the event that the operation of this source results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
- b. The baghouse associated with the two dump pits and associated with the barge loadout shall be in operation at all times when the associated emission units are in operation and emitting air contaminants.
- c. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic maintenance on the baghouse associated with the two dump pits and associated with the barge loadout such that the baghouse is kept in proper working condition and not cause a violation of the Environmental Protection Act or regulations promulgated therein.
- d. Each dump pit shall be inspected for proper operation while receiving is occurring, at least once each week (Monday through Sunday) during any week when material is received at a given dump pit.
- e. The grain elevator when handling bulk materials shall be inspected for presence of visible emissions from internal transfer, while such activity is occurring, at least once each week when such activity is performed.
- f. Grain load-out socks, sleeves or equivalent devices shall be inspected for proper operation while load-out is occurring, at least once each week when grain load-out is performed.
- g. For purposes of this permit, dry bulk materials are considered to be materials like:

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- i. Mulch;
- ii. Potash;
- iii. Diammonium Phosphate (DAP);
- iv. Monammonium Phosphate (MAP);
- v. Chaff and Dust;
- vi. Dry Distillers Grain (DDG);
- vii. Cookie Meal;
- viii. Rice Hulls;
- ix. Citrus Pulp Pellets;
- x. Cement Clinkers;
- xi. Triple Super Phosphate (TSP);
- xii. Sand;
- xiii. Cottonseed;
- xiv. Wheat Mids;
- xv. Grain Dust;
- xvi. Barley Sprouts;
- xvii. Soybean Meal;
- xviii. Corn Gluten Meal
- xix. Aggregate;
- xx. Magnesium Oxide;
- xxi. Slag
- xxii. Monocalcium Phosphate;
- xxiii. Calcium Phosphates.
- xxiv. Fertilizers;
- xxv. Salt;
- xxvi. Corps;

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- xxvii. Ores;
  - xxviii. Limestone;
  - xxix. Gypsum;
  - xxx. Animal feeds; and
  - xxxi. Beet and beet pulp pellets.
- h. This permit does not authorize the facility to receive, load-out, and handle materials other than the dry bulk materials listed above.
  - i. This permit does not excuse the Permittee from obtaining other approvals that may be required from the Illinois EPA, Bureaus of Land or Water, or other state or federal agencies to handle a new dry bulk material.
  - j. The Permittee shall obtain a construction permit (and revised operating permit) from the Illinois EPA prior to receipt and handling of a new dry bulk material that is not listed in Condition 7(g) above and that produces an increase in emissions, or increases the bulk material throughput. The application shall include, but not be limited to:
    - i. A description of the material to be handled;
    - ii. The estimated annual amount of material to be handled;
    - iii. Any additional work practices or control devices used to reduce emissions;
    - iv. A copy of a Material Safety Data Sheet (MSDS) for the material to be handled, if available;
    - v. Type(s) and description of emission control method(s) to be used, if any; and
    - vi. The estimated potential emissions from the receipt, storage, and handling of the proposed new material including an indication whether the receipt, storage and handling of the proposed new material will result in an exceedance of the throughput or emission limits in Condition 8 of this permit. If the throughput or emission limits in Condition 8 will be exceeded by the receipt of a new material, the construction permit application shall request new throughput or emission limits for the new material.
  - k. The Permittee shall send a certified letter to the Illinois EPA, Bureau of Air prior to receiving and handling of a new dry bulk material that is not listed as a bulk material above, that does not produce an increase in emissions, and does not increase the bulk material throughput.

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- l. Storage piles shall be protected by a cover or sprayed with a surfactant solution or water on a regular basis, as needed, or treated by an equivalent method, in accordance with the operating program required by Condition 7(p).
- m. All unloading and transporting operations of materials collected by pollution control equipment shall be enclosed or shall utilize spraying, pelletizing, screw conveying or other equivalent methods.
- n. All normal traffic pattern access areas surrounding storage piles and all normal traffic pattern roads and parking facilities shall be paved or treated with water, oils or chemical dust suppressants. All paved areas shall be cleaned on a regular basis. All areas treated with water, oils or chemical dust suppressants shall have the treatment applied on a regular basis, as needed, in accordance with the operating program required by Condition 7(p).
- o. Truck and rail car dump pits, bucket elevators, conveyor transfer points, conveyors, storage bins, barge, truck and railcar loading operations shall be sprayed with water or a surfactant solution, utilize choke-feeding or be treated by an equivalent method in accordance with the operating program required by Condition 7(p).
- p. The emission units described in Conditions 7(l) through (o) shall be operated under the provisions of an operating program, consistent with the requirements set forth in Condition 7(q), and prepared by the owner or operator and submitted to the Illinois EPA for its review. Such operating program shall be designed to significantly reduce fugitive particulate matter emissions in order to assure compliance with 35 Ill. Adm. Code 212.301.
- q. As a minimum the operating program shall include the following:
  - i. The name and address of the source;
  - ii. The name and address of the owner or operator responsible for execution of the operating program;
  - iii. A map or diagram of the source showing approximate locations of storage piles, conveyor loading operations, normal traffic pattern access areas surrounding storage piles and all normal traffic patterns within the source;
  - iv. Location of unloading and transporting operations with pollution control equipment;
  - v. A detailed description of the best management practices utilized to achieve compliance with 35 Ill. Adm. Code 212.301, including an engineering specification of particulate collection equipment, application systems for water, oil, chemicals and dust suppressants utilized and equivalent methods utilized;

- vi. Estimated frequency of application of dust suppressants by location of materials; and
- vii. Such other information as may be necessary to facilitate the Illinois EPA's review of the operating program.
- r. The source shall be operated under a Fugitive Particulate Operating Program, as submitted by the Permittee pursuant to Conditions 7(p) and (q) and shall comply with the provisions of this Fugitive Particulate Operating Program and any amendments to the Fugitive Particulate Operating Program submitted by the Permittee to Illinois EPA pursuant to Conditions 7(p) and (q).
- s. The Fugitive Particulate Operating Program shall be amended from time to time by the Permittee so that the Fugitive Particulate Operating Program is current. Such amendments shall be consistent with Conditions 7(p) and (q) and shall be submitted to the Illinois EPA within thirty (30) days of any such amendment. In the event that the Illinois EPA notifies the Permittee of a deficiency with any amendment to the Fugitive Particulate Operating Program, the Permittee shall be required to revise and resubmit the Fugitive Particulate Operating Program within thirty (30) days of receipt of notification to address the deficiency.
- 8a. The amount of material transferred by the source shall not exceed the following limits:
  - i. The amount of grain received, that is, unloaded in the dump pit areas shall not exceed 1,360,000 tons per year.
  - ii. The amount of grain shipped, that is, loaded into barge in the loadout areas shall not exceed 1,360,000 tons per year.
  - iii. The amount of dry bulk material received, that is, unloaded in the dump pit areas shall not exceed 760,000 tons per year (200,000 tons per year for salt and 560,000 tons per year for all other bulk materials).
  - iv. The amount of dry bulk material shipped, that is, loaded into barge in the loadout areas shall not exceed 760,000 tons per year (200,000 tons per year for salt and 560,000 tons per year for all other bulk materials).
- b. Emissions and operation of the grain handling operations at the source shall not exceed the following limits:

Emission Unit	E M I S S I O N S							
	Throughput*		P M			P M <sub>10</sub>		
	(T/Mo)	(T/Yr)	(lb/T)	(T/Mo)	(T/Yr)	(lb/T)	(T/Mo)	(T/Yr)
Hopper Truck	136,000	1,360,000	0.035	2.38	23.80	0.0078	0.53	5.30
Straight Truck	136,000	1,360,000	0.18	1.22	12.24	0.059	0.40	4.01
Barge Loading	136,000	1,360,000	0.016	1.09	10.88	0.004	0.27	2.72



Emission Unit	E M I S S I O N S								
	Throughput*			PM			PM <sub>10</sub>		
	(T/Mo)	(T/Yr)	(lb/T)	(T/Mo)	(T/Yr)	(lb/T)	(T/Mo)	(T/Yr)	
Truck Loading	136,000	1,360,000	0.086	0.58	5.85	0.029	0.20	1.97	
Storage Bin Vents	136,000	1,360,000	0.025	1.70	17.00	0.0063	0.43	4.28	
Enclosed Internal Transfer	408,000	4,080,000	0.061	1.24	12.44	0.034	0.69	6.94	
	Totals: 82.21								22.22

These limits are based the maximum throughput of the terminal grain elevator, standard emission factors (Table 9.9-1, AP-42, Fifth Edition, Volume I, Update 2003, May 2003) and 90 percent control efficiency for baghouse controlled truck dump pits, barge loadout, and enclosed internal transfer.

- c. Emissions and operation of fertilizer and other bulk materials, except for salt, handling shall not exceed the following limits:

E M I S S I O N S							
Throughput			PM			PM <sub>10</sub>	
(T/Mo)	(T/Yr)	(lb/T)	(T/Mo)	(T/Yr)	(lb/T)	(T/Mo)	(T/Yr)
70,000	560,000	0.10	2.80	28.00	0.01	0.28	2.80

These limits are based on the maximum fertilizer and other bulk materials throughput and standard emission factors (Table 8.3-2, AP-42 Fifth Edition, Volume I, July 1993; bulk loading).

- d. Emissions and operation of the salt handling shall not exceed the following limits:

E M I S S I O N S							
Throughput			PM			PM <sub>10</sub>	
(T/Mo)	(T/Yr)	(lb/T)	(T/Mo)	(T/Yr)	(lb/T)	(T/Mo)	(T/Yr)
33,333	200,000	0.026	0.26	2.60	0.12	0.12	1.20

These limits are based on the maximum salt throughput, five transfer points and emission factor calculated according to equation 1 of Section 13.2.4 (AP-42, Fifth Edition, Volume I, November 2006). K = 0.74 for PM and 0.35 for PM<sub>10</sub>, U = 15, and M = 1.0.

Equation 13.2.4.3:

$$E = K(0.0032) \frac{\left(\frac{U}{5}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}}$$

where:

E = emission factor

k = particle size multiplier (dimensionless)

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U = mean wind speed, meters per second (m/s) (miles per hour [mph])  
M = material moisture content (%)

- e. Compliance with the annual limits of this permit 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).
- 9a. Pursuant to 35 Ill. Adm. Code 201.282, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants:
- i. **Testing by Owner or Operator.** The Illinois EPA may require the owner or operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the Illinois EPA, at such reasonable times as may be specified by the Illinois EPA and at the expense of the owner or operator of the emission source or air pollution control equipment. The Illinois EPA may adopt procedures detailing methods of testing and formats for reporting results of testing. Such procedures and revisions thereto, shall not become effective until filed with the Secretary of State, as required by the APA Act. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing. The Illinois EPA shall have the right to observe all aspects of such tests.
  - ii. **Testing by the Illinois EPA.** The Illinois EPA shall have the right to conduct such tests at any time at its own expense. Upon request of the Illinois EPA, the owner or operator of the emission source or air pollution control equipment shall provide, without charge to the Illinois EPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.
- b. Testing required by Conditions 10 and 11 shall be performed upon a written request from the Illinois EPA by a qualified independent testing service.
- 10a. Pursuant to 35 Ill. Adm. Code 212.107, for both fugitive and nonfugitive particulate matter emissions, a determination as to the presence or absence of visible emissions from emission units shall be conducted in accordance with Method 22, 40 CFR Part 60, Appendix A, incorporated by reference in 35 Ill. Adm. Code 212.113, except that the length of the observing period shall be at the discretion of the observer, but not less than one minute. This Condition shall not apply to 35 Ill. Adm. Code 212.301, pursuant to 35 Ill. Adm. Code 212.107.
- b. Pursuant to 35 Ill. Adm. Code 212.109, except as otherwise provided in 35 Ill. Adm. Code Part 212, and except for the methods of data

reduction when applied to 35 Ill. Adm. Code 212.122 and 212.123, measurements of opacity shall be conducted in accordance with Method 9, 40 CFR Part 60, Appendix A, and the procedures in 40 CFR 60.675(c) and (d), if applicable, incorporated by reference in 35 Ill. Adm. Code 212.113, except that for roadways and parking areas the number of readings required for each vehicle pass will be three taken at 5-second intervals. The first reading shall be at the point of maximum opacity and second and third readings shall be made at the same point, the observer standing at right angles to the plume at least 15 feet away from the plume and observing 4 feet above the surface of the roadway or parking area. After four vehicles have passed, the 12 readings will be averaged, pursuant to 35 Ill. Adm. Code 212.109.

c. Pursuant to 35 Ill. Adm. Code 212.110(a), measurement of particulate matter emissions from stationary emission units subject to 35 Ill. Adm. Code Part 212 shall be conducted in accordance with 40 CFR Part 60, Appendix A, Methods 5, 5A, 5D, or 5E, pursuant to 35 Ill. Adm. Code 212.110(a).

d. Pursuant to 35 Ill. Adm. Code 212.110(b), the volumetric flow rate and gas velocity shall be determined in accordance with 40 CFR Part 60, Appendix A, Methods 1, 1A, 2, 2A, 2C, 2D, 3, and 4, pursuant to 35 Ill. Adm. Code 212.110(b).

e. Pursuant to 35 Ill. Adm. Code 212.110(c), upon a written notification by the Illinois EPA, the owner or operator of a particulate matter emission unit subject to 35 Ill. Adm. Code Part 212 shall conduct the applicable testing for particulate matter emissions, opacity, or visible emissions at such person's own expense, to demonstrate compliance. Such test results shall be submitted to the Illinois EPA within thirty (30) days after conducting the test unless an alternative time for submittal is agreed to by the Illinois EPA, pursuant to 35 Ill. Adm. Code 212.110(c).

11a. Within 180 days of initial startup of the modified Truck Dump Pits and Barge Loadout the opacity of emissions and overall control efficiency of the associated baghouse shall be measured during conditions which are representative of maximum emissions. These tests shall determine the opacity, PM emissions, capture, removal, and overall control efficiency to demonstrate compliance with 35 Ill. Adm. Code 212.123 and 212.321, and Condition 8 of this permit.

b. The following methods and procedures shall be used for testing of emissions, unless another method is approved by the Illinois EPA: Refer to 40 CFR Part 51, Appendix M and 40 CFR Part 60, Appendix A for USEPA test methods.

Sample and Velocity Traverses for Stationary Sources	USEPA Method 1
Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)	USEPA Method 2
Gas Analysis for the Determination of Dry Molecular Weight	USEPA Method 3
Determination of Moisture Content in Stack Gases	USEPA Method 4

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Determination of Particulate Matter Emissions from Stationary Sources	USEPA Method 5
Visual Determination of the Opacity of Emissions from Stationary Sources	USEPA Method 9
Visual Determination of Fugitive Emissions From Material Sources	USEPA Method 22

- c. At least 60 days prior to the actual date of testing, the Permittee shall submit a written test plan to the Illinois EPA, Compliance Section. This plan shall include as a minimum:
- i. The name (or other identification) of the emission unit(s) to be tested and the name and address of the facility at which they are located;
  - ii. The name and address of the independent testing service(s) performing the tests, with the names of the individuals who may be performing sampling and analysis and their experience with similar tests;
  - iii. The specific determinations of emissions and/or performance which are intended to be made, including the site(s) in the ductwork or stack at which sampling will occur;
  - iv. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of the maximum emissions, maximum operating rate, minimum control performance, the levels of operating parameters for the emission unit(s), including associated control equipment, at or within which compliance is intended to be shown, and the means by which the operating parameters for the emission unit(s) will be determined;
  - v. The test method(s) which will be used, with the specific analysis method, if the method can be used with different analysis methods. The specific sampling, analytical and quality control procedures which will be used, with an identification of the standard methods upon which they are based;
  - vi. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justifications;
  - vii. Any proposed use of an alternative test method, with detailed justification; and
  - viii. The format and content of the Source Test Report.
- d. The Permittee shall provide the Illinois EPA with written notification of testing at least thirty (30) days prior to testing to enable the Illinois EPA to have an observer present. This notification shall include the name of emission unit(s) to be tested, scheduled date and time, and contact person with telephone number.

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- e. If testing is delayed, the Permittee shall promptly notify the Illinois EPA by e-mail or facsimile, at least five (5) days prior to the scheduled date of testing or immediately, if the delay occurs in the five (5) days prior to the scheduled date. This notification shall also include the new date and time for testing, if set, or a separate notification shall be sent with this information when it is set.
- f. The Permittee shall submit the Final Source Test Report(s) for these tests accompanied by a cover letter stating whether or not compliance was shown, to the Illinois EPA without delay, within thirty (30) days after the test results are compiled, but no later than sixty (60) days after the date of testing or sampling. The Final Source Test Report shall include as a minimum:
  - i. General information describing the test, including the name and identification of the emission source which was tested, date of testing, names of personnel performing the tests, and Illinois EPA observers, if any;
  - ii. A summary of results;
  - iii. Description of test procedures and method(s), including description and map of emission units and sampling points, sampling train, testing and analysis equipment, and test schedule;
  - iv. Detailed description of test conditions, including:
    - A. List and description of the equipment (including serial numbers or other equipment specific identifiers) tested and process information (i.e., mode(s) of operation, process rate/throughput, fuel or raw material consumption rate, and heat content of the fuels);
    - B. Control equipment information (i.e., equipment condition and operating parameters) during testing; and
    - C. A discussion of any preparatory actions taken, (i.e., inspections, maintenance and repair).
  - v. Data and calculations, including copies of all raw data sheets and records of laboratory analyses, sample calculations, and data on equipment calibration. Identification of the applicable regulatory standards and permit conditions that the testing was performed to demonstrate compliance with, a comparison of the test results to the applicable regulatory standards and permit conditions, and a statement whether the test(s) demonstrated compliance with the applicable standards and permit conditions;
  - vi. An explanation of any discrepancies among individual tests, failed tests or anomalous data;

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- vii. The results of all quality control evaluation, including a copy of all quality control data; and
- viii. The applicable operating parameters of the pollution control device(s) during testing (temperature, pressure drop, scrubbing flow rate, etc.), if any.
- g. Satisfactory completion of this test so as to demonstrate compliance with applicable emission standards is a prerequisite to issuance of an operating permit, pursuant to 35 Ill. Adm. Code 201.160(b).
- 12. The moisture content of a representative sample of the salt received at the source shall be measured at least once per week using ASTM Procedures (C566-97) for total moisture content of material.
- 13. Pursuant to 35 Ill. Adm. Code 212.110(e), the owner or operator of an emission unit subject to 35 Ill. Adm. Code Part 212 shall retain records of all tests which are performed. These records shall be retained for at least three (3) years after the date a test is performed.
- 14a. The Permittee shall maintain records of the following items so as to demonstrate compliance with the conditions of this permit:
  - i. Records addressing use of good operating practices for the baghouses associated with the two dump pits and associated with the barge loadout:
    - A. Records for periodic inspection of the baghouses with date, individual performing the inspection, and nature of inspection; and
    - B. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
  - ii. The Permittee shall keep a copy of the Fugitive Particulate Operating Program, any amendments or revisions to the Fugitive Particulate Operating Program, and the Permittee shall also keep a record of activities completed according to the Fugitive Particulate Operating Program.
  - iii. The Permittee shall maintain records of all moisture content of salt received;
  - iv. Description and quantity of bulk materials processed (tons/month and tons/year);
  - v. Description and quantity of fertilizer processed (tons/month and tons/year);
  - vi. Amount of salt processed (tons/month and tons/year);

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- vii. Monthly and annual PM and PM<sub>10</sub> emissions from the source (tons/month and tons/year) with supporting calculations; and
  - b. All records and logs required by Condition 14(a) this permit shall be retained at a readily accessible location at the source for at least five (5) years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer storage device) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
15. Pursuant to 35 Ill. Adm. Code 212.110(d), a person planning to conduct testing for particulate matter emissions to demonstrate compliance shall give written notice to the Illinois EPA of that intent. Such notification shall be given at least thirty (30) days prior to the initiation of the test unless a shorter period is agreed to by the Illinois EPA. Such notification shall state the specific test methods from 35 Ill. Adm. Code 212.110 that will be used.
- 16a. If there is an exceedance of or a deviation from the requirements of this permit as determined by the records required by this permit or otherwise, the Permittee shall submit a report to the Illinois EPA's Bureau of Air Compliance Section in Springfield, Illinois within thirty (30) days after the exceedance or deviation. The report shall identify the duration and the emissions impact of the exceedance or deviation, a copy of the relevant records and information to resolve the exceedance or deviation, and a description of the efforts to reduce emissions from, and the duration of exceedance or deviation, and to prevent future occurrences of any such exceedance or deviation.
- b. One (1) copy of required reports and notifications shall be sent to:

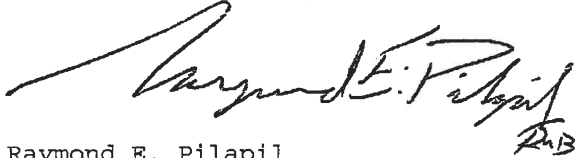
Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Compliance Section (#40)  
P.O. Box 19276  
Springfield, Illinois 62794-9276

It should be noted that the two 2.5 mmBtu/hr boilers are exempt from permitting requirements, pursuant to 35 Ill. Adm. Code 201.146(d).

It shall also be noted that this permit was revised to change description of emission units, revise the list of bulk materials, revise emission calculation methodologies, remove coal from the list of materials handled, add emission testing per compliance commitment agreement, and add requirement of a fugitive particulate control plan, pursuant to Permittee's request.

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If you have any questions on this permit, please contact German Barria at 217/785-1705.

A handwritten signature in black ink, appearing to read "Raymond E. Pilapil". The signature is fluid and cursive, with a long horizontal stroke at the beginning. Below the main signature, there are smaller initials "R.E.P." written in a similar style.

Raymond E. Pilapil  
Manager, Permit Section  
Division of Air Pollution Control

REP:GB:mlm

Handwritten initials in black ink, possibly "MLM", written in a cursive style.





STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF AIR POLLUTION CONTROL  
P. O. BOX 19506  
SPRINGFIELD, ILLINOIS 62794-9506

**STANDARD CONDITIONS FOR CONSTRUCTION/DEVELOPMENT PERMITS  
ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**

July 1, 1985

The Illinois Environmental Protection Act (Illinois Revised Statutes, Chapter 111-1/2, Section 1039) authorizes the Environmental Protection Agency to impose conditions on permits which it issues.

The following conditions are applicable unless superseded by special condition(s).

1. Unless this permit has been extended or it has been voided by a newly issued permit, this permit will expire one year from the date of issuance, unless a continuous program of construction or development on this project has started by such time.
2. The construction or development covered by this permit shall be done in compliance with applicable provisions of the Illinois Environmental Protection Act, and Regulations adopted by the Illinois Pollution Control Board.
3. There shall be no deviations from the approved plans and specifications unless a written request for modification, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.
4. The Permittee shall allow any duly authorized agent of the Agency upon the presentation of credentials, at reasonable times:
  - a. to enter the Permittee's property where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit,
  - b. to have access to and copy any records required to be kept under the terms and conditions of this permit,
  - c. to inspect, including during any hours of operation of equipment constructed or operated under this permit, such equipment and any equipment required to be kept, used, operated, calibrated and maintained under this permit,
  - d. to obtain and remove samples of any discharge or emission of pollutants, and
  - e. to enter and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
5. The issuance of this permit:
  - a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located,
  - b. 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 proposed facilities,
  - c. does not release the Permittee from compliance with the other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations,
  - d. does not take into consideration or attest to the structural stability of any units or parts of the project, and

- e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
- 6.
- a. Unless a joint construction/operation permit has been issued, a permit for operation shall be obtained from the Agency before the equipment covered by this permit is placed into operation.
  - b. For purposes of shakedown and testing, unless otherwise specified by a special permit condition, the equipment covered under this permit may be operated for a period not to exceed thirty (30) days.
7. The Agency may file a complaint with the Board for modification, suspension or revocation of a permit:
- a. upon discovery that the permit application contained misrepresentations, misinformation or false statements or that all relevant facts were not disclosed, or
  - b. upon finding that any standard or special conditions have been violated, or
  - c. upon any violations of the Environmental Protection Act or any regulation effective thereunder as a result of the construction or development authorized by this permit.

Exhibit B

Written Request to Illinois EPA

(See Attached)

**From:** Dunn, Steven <StevenDunn@alliantenergy.com>  
**Sent:** Monday, November 06, 2017 8:13 AM  
**To:** Barria, German; Erewele, Ken; Morgan, James; Bernoteit, Bob  
**Cc:** Hanson, Andrew  
**Subject:** IEI barge 90 day extension request draft agreement  
**Attachments:** 20171031 DRAFT Request for 90-Day Extension of Appeal Period.docx

Hi all,

Please find attached a draft extension of appeal period agreement between IEI Barge and IEPA as we discussed in our meeting last week. Please let me know if this is something IEPA is willing to agree to as the deadline for appealing the permit is fast approaching.

Thank you for your assistance with the extension and permit changes,

Steve

**Steve Dunn, P.E. | Senior Environmental Specialist**

**Alliant Energy**

Office: (608) 458-6245 | Cell: (608) 219-2868

[alliantenergy.com](http://alliantenergy.com) [stevendunn@alliantenergy.com](mailto:stevendunn@alliantenergy.com)

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