

217/782-2113

LIFETIME OPERATING PERMIT

PERMITTEE

Beelman River Terminals, Inc.
Attn: Sam Beelman
#4 Caine Drive
Madison, Illinois 62060

Application No.: 72111090 I.D. No.: 031600FWD
Applicant's Designation: CHICAGO96 Date Received: April 16, 2001
Subject: Chicago River Terminal
Date Issued: July 3, 2001 Expiration Date: See Condition 1.
Location: 10443 South Muskegon Avenue, Chicago

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of two barge unloading clamshells, salt dock truck loading, solids transfer to storage piles utilizing two clamshells, and two bulk commodity solids truck loading stations pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This permit shall expire 180 days after the Illinois EPA sends a written request for the renewal of this permit.
- b. This permit shall terminate if it is withdrawn or is superseded by a revised permit.
- 2a. No person shall cause or allow any visible emissions of fugitive particulate matter from any process, including any material handling or storage activity beyond the property line of the emission source, pursuant to 35 Ill. Adm. Code 212.301.
- b. Pursuant to 35 Ill. Adm. Code 212.304(a), all storage piles of materials with uncontrolled emissions of fugitive particulate matter in excess of 50 tons/year 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 35 Ill. Adm. Code 212.309, 212.310, and 212.312.
- c. Pursuant to 35 Ill. Adm. Code 212.305, all conveyor loading operations to storage piles specified in 35 Ill. Adm. Code 212.304 shall utilize spray systems, telescopic chutes, stone ladders or equivalent methods in accordance with the operating program required by 35 Ill. Adm. Code 212.309, 212.310, and 212.312.
- d. Pursuant to 35 Ill. Adm. Code 212.306, all normal traffic pattern access areas surrounding storage piles specified in 35 Ill. Adm. Code 212.304 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 35 Ill. Adm. Code 212.309, 212.310, and 212.312.

- e. Pursuant to 35 Ill. Adm. Code 212.307, 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.
- f. Pursuant to 35 Ill. Adm. Code 212.308, bucket elevators, conveyor transfer points, conveyors, storage bins and fine product 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 an operating program.
 - i. Loadout to trucks and railcars shall be conducted with sleeves extending to within at least 6 inches below the sides and the receiving vehicle except for topping off.
 - ii. Loadout sleeves shall be inspected for proper operation while loadout to trucks or railcars is occurring, at least once each week when loadout to trucks or railcars is performed.
- g. If particulate collection equipment is operated to control, conveyor transfer points, conveyors, storage bins and loading operations, emissions from such equipment shall not exceed 0.03 gr/dscf, pursuant to 35 Ill. Adm. Code 212.313.
- h. No person shall cause or allow fugitive particulate matter emissions from any emission unit to exceed 20 percent, pursuant to 35 Ill. Adm. Code 212.316(f).
- 3. Pursuant to 35 Ill. Adm. Code 212.324(b), emissions of particulate matter with an aerodynamic diameter less than or equal to 10 micrometers (PM₁₀) from any process emission unit shall not exceed 0.03 gr/scf during any one hour period.
- 4a. Operation and emissions of particulate matter (PM) from the two barge unloading clamshells, the salt dock truck loading, the solids transfer to storage piles utilizing two clamshells, and the two bulk commodity solids truck loading stations shall not exceed the following limits:

<u>Activity</u>	<u>Annual Throughput (Tons/Year)</u>	<u>Emission Factor (Lbs/Ton)</u>	<u>PM Emissions (Tons/Year)</u>
Salt Ship Unloading	150,000	0.00606	0.5
Salt Dock Truck Loading	150,000	0.00606	0.5
Clamshell Barge Unloading	600,000	0.0019	0.6
Clamshell Transfer of Solids to Piles	600,000	0.0019	0.6
Bulk Commodity Solids Truck Loading	600,000	0.0019	<u>0.6</u>
		Total	2.8

- b. This table defines the potential emissions of PM and is based upon the maximum annual throughput of material and standard emission factors.
- c. Note that there is a "nested" limit on the emissions of PM₁₀ as a result of the limit on PM emissions. PM₁₀ emitted at this source has been determined to be of a lesser quantity of PM and therefore limiting PM emissions also limits PM₁₀ emissions.

- d. Compliance with annual limits shall be determined from a running total of 12 months of data.
- 5a. The Permittee shall maintain records of the following items:
 - i. Total amount of bulk commodity solids unloaded from barges via clamshells, tons/month and tons/year (running total);
 - ii. Total amount of rock salt unloaded from ships, tons/month and tons/year (running total);
 - iii. Total amount of rock salt loaded to trucks, tons/month and tons/year (running total);
 - iv. Total amount of bulk commodity solids transferred to storage piles, tons/month and tons/year (running total);
 - v. Total amount of bulk commodity solids loaded to trucks, tons/month and tons/year (running total); and
 - vi. Records for the inspections required by Condition 2(f)(ii), with date, time and observations.
- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three 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) 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.
- 6. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedances or violation and efforts to reduce emissions and future occurrences.
- 7. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing, or a continuous monitoring system shall be sent to:

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

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

- 8a. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year:
- i. Total amount of bulk commodity solids unloaded from barges via clamshells, tons/year;
 - ii. Total amount of rock salt unloaded from ships, tons/year;
 - iii. Total amount of rock salt loaded to trucks, tons/year;
 - iv. Total amount of bulk commodity solids transferred to storage piles, tons/year; and
 - v. Total amount of bulk commodity solids loaded to trucks, tons/year.
- b. If there have been no exceedances during the prior calendar year, the Annual Emission Report shall include a statement to that effect.
9. Persons with lifetime operating permits must obtain a revised permit for any of the following changes at the source:
- a. An increase in emissions above the amount the emission unit or the source is permitted to emit;
 - b. A modification;
 - c. A change in operations that will result in the source's noncompliance with conditions in the existing permit; or
 - d. A change in ownership, company name, or address, so that the application or existing permit is no longer accurate.

It should be noted that fugitive emissions from storage piles and truck traffic do not require permit limits.

If you have any questions on this permit, please call Jim Kallmeyer at 217/782-2113.

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

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cc: Illinois EPA, FOS Region 1
Illinois EPA, Compliance Section
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