

Application No. OH0135143

Issue Date: July 26, 2006

Effective Date: September 1, 2006

Expiration Date: August 31, 2011

Ohio Environmental Protection Agency
Authorization to Discharge Under the
National Pollutant Discharge Elimination System

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq., hereinafter referred to as the "Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Section 6111),

Bellaire Harbor Service, LLC

is authorized by the Ohio Environmental Protection Agency, hereinafter referred to as "Ohio EPA," to discharge from the Bellaire Harbor Service, LLC coal barge loading facility located at 6350 Guernsey Street, Bellaire, Ohio, Belmont County and discharging to the Ohio River in accordance with the conditions specified in Parts I, II, and III of this permit.

I have determined that a lowering of water quality in the Ohio River is necessary. In accordance with OAC 3745-1-05, this decision was reached only after examining a series of technical alternatives, reviewing social and economic issues related to the degradation, and considering all public and appropriate intergovernmental comments. The lowering of water quality is necessary to accommodate important social or economic development in the area in which the water body is located.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

Joseph P. Koncelik
Director

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Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 0IL00143 001. See Part II, OTHER REQUIREMENTS, for the locations of both the permitted outfall and the location to sample/monitor the effluent.

Table - Final Outfall - 001 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00045 - Total Precipitation - Inches	-	-	-	-	-	-	-	1/Day	Total	All
00056 - Flow Rate - GPD	-	-	-	-	-	-	-	1/Day	Total Estimate	All
00400 - pH - S.U.	9.0	6.5	-	-	-	-	-	1 / 2 Weeks	Grab	All
00530 - Total Suspended Solids - mg/l	70	-	-	35	-	-	-	1 / 2 Weeks	Grab	All
00545 - Residue, Settleable (Volume) - mL/L	0.5	-	-	-	-	-	-	1 / 2 Weeks	Grab	All
01045 - Iron, Total (Fe) - ug/l	6.0	-	-	3.0	-	-	-	1 / 2 Weeks	Grab	All
01055 - Manganese, Total (Mn) - ug/l	4.0	-	-	2.0	-	-	-	1 / 2 Weeks	Grab	All

Notes for Station Number 0IL00143 001:

- a. "1/ 2 WEEKS" sampling frequency means that one sample shall be collected during the first fourteen days of the month and another sample shall be collected during the remainder of the month.
- b. NO DISCHARGE - Sampling shall be performed when discharging. If NO DISCHARGE OCCURS DURING THE ENTIRE MONTH, report "0" for flow rate once per day on the 4500 Form (Monthly Operating Report). If there is no precipitation on a given day, report "0" for that day. A value must be provided for each parameter at least as often as the monitoring frequency, ie., for iron, a numerical value or data substitution code (AH, etc.) must be reported once a week.
- c. DATA SUBSTITUTION CODES "AA" through "AN" - See Part II, Item G.

- d. ALTERNATIVE LIMITS - Discharge from the outfall designated above may, as an option, conform with effluent limitations and monitoring requirements listed in Part II, Item (C) instead of those listed above provided that all conditions in Part II, Item (C) are met.
- e. SETTLEABLE RESIDUE - Sampling for Settleable Residue is only required when claiming eligibility for alternative limits. When alternative limits do not apply and no sample has been collected for settleable solids analysis the permittee must report "AH" for this parameter.
- f. GRAB SAMPLES - See Part II, Item F.

Part II, OTHER REQUIREMENTS

A. Descriptions of the location of the permitted discharge outfalls and required effluent sampling/monitoring stations are as follows:

Permitted Outfall or Effluent Sampling/ Monitoring Station	Description of Permitted Outfall or Effluent Sampling/ Monitoring Location
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0IL00143 001 . .	Final effluent. Sample to be taken after discharge from the treatment pond pipe spillway prior to entering the river. Outfall located at (Lat: N40 02' 56"; Long: W80 44' 03")
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B. This permit shall be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved.

1. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
2. Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

C. The discharge from outfall OIL00143 001 is eligible for the alternative effluent limits listed in section (1) below provided that the applicability and submission requirements listed in section (2) below are met.

1. Alternative Effluent Limits

a. If the discharge or increase in the volume of the discharge is caused by precipitation within any 24 hr. period less than or equal to the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume), the alternative limits (with monitoring/reporting requirements) are as follows:

EFFLUENT CHARACTERISTIC		DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
Reporting Code/Units	Parameter	Concentration		Loading		Measurement Frequency	Sample Type
		Other Units (Specify)	30 Day	Daily	30 Day		
00045 IN	Total Precipitation	-	-	-	-	Daily	24 Hr. Total
00400 S.U.	pH	6.5 to 9.0 at all times				1/2 Weeks	Grab
00530 mg/l	Total Suspended Solids	-	-	-	-	1/2 Weeks	Grab
00545 ml/l	Residue, Settleable	-	0.5	-	-	1/2 Weeks	Grab
01045 ug/l	Iron, Total (Fe)	-	-	-	-	1/2 Weeks	Grab
01055 ug/l	Manganese, Total (Mn)	-	-	-	-	1/2 Weeks	Grab
50050 MGD	Flow Rate	-	-	-	-	Daily	24 Hr. Total

b. If the discharge or increase in the volume of the discharge from any area affected by coal storage or handling is caused by precipitation greater than the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume), the alternative limits are as follows:

EFFLUENT CHARACTERISTIC		DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
Reporting Code/Units	Parameter	Concentration		Loading		Measurement Frequency	Sample Type
		Other Units (Specify)	30 Day	Daily	30 Day		
00045 IN	Total Precipitation	-	-	-	-	Daily	24 Hr. Total
00400 S.U.	pH	6.5 to 9.0 at all times				1/2 Weeks	Grab
00530 mg/l	Total Suspended Solids	-	-	-	-	1/2 Weeks	Grab
00545 ml/l	Residue, Settleable	-	-	-	-	1/2 Weeks	Grab
01045 ug/l	Iron, Total (Fe)	-	-	-	-	1/2 Weeks	Grab
01055 ug/l	Manganese, Total (Mn)	-	-	-	-	1/2 Weeks	Grab
50050 MGD	Flow Rate	-	-	-	-	Daily	24 Hr.
Total							

2. Applicability and Submission Requirements

- a. The samples of the discharge for all parameters listed are collected during, or within 24 hours after the applicable precipitation event.
 - b. The operator proves that the discharge or the increase in the discharge was caused by the applicable precipitation event. The following information must be submitted by the permittee as proof of qualification for the alternative effluent limitations:
 - i. A statement of the precipitation event for which the alternative limits are being sought and the amount of rainfall specified for that precipitation event as defined by the National Weather Service and Technical Paper No. 40, "Rainfall Atlas of the United States", May 1961, or equivalent regional rainfall probability information developed therefrom;
 - ii. The date, duration (time begin/time end), and total 24-hour accumulation (inches), of the precipitation which caused the discharge or increase in volume of the discharge; and
 - iii. The date and time grab samples were collected.
 - c. The permittee should report "AH" for SETTLEABLE RESIDUE in the appropriate location on the Monthly Operating Report (MOR) Form 4500 on days when alternative limits are not being sought. The information required above in Part II, Item (C)(2)(b) should be included in the "Additional Remarks" section of the MOR form.
- D. Ammonia shall not be used at any outfall for treatment without approval of the Ohio EPA.
- E. Permit limitations may be revised in order to meet water quality standards after a stream use determination and waste load allocation are completed and approved. This permit may be modified, or alternatively, revoked and reissued, to comply with any applicable water quality effluent limitations.
- F. Grab samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's performance.

G. Data Substitution Codes

In lieu of a numerical value the following codes may be used on the Monthly Operating Report:

AA - Below Detectable Limit

AB - Analytical Data Lost

AC - Plant Not Operating

AD - Automatic Analyzer Out of Service

AE - Analytical Data Not Valid

AF - High Stream Water Inundates Sample Site

AH - Sample Not Taken, Explanation in Remark Section

AJ - Above Range of Automatic Analyzer

AK - Biological Sample Too Numerous to Count

AL - No Discharge For the Month

AN - Sample Not Taken, Plant Not Normally Staffed (Saturdays, Sundays, and Holidays)

For more detailed information about the Monthly Operating Report form, see the EPA-4500 How To Booklet available on Ohio EPA's website at:
<http://www.epa.state.oh.us/dsw/permits/MORGuidance.html>

H. All parameters, except flow, need not be monitored on days when the plant is not normally staffed (Saturdays, Sundays, and Holidays). On those days, report "AN" on the monthly report form.