

NPDES Permit No. IL0055093
Notice No. MEL:11090602.bah

Public Notice Beginning Date: **December 22, 2011**

Public Notice Ending Date: **January 23, 2012**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Buckeye Terminals, LLC - Effingham Terminal
3823 Indianapolis Blvd.
East Chicago, Indiana 46312

Name and Address of Facility:

Buckeye Terminals, LLC - Effingham Terminal
18264 North U.S. Highway 45
Effingham, Illinois 62401
(Effingham County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Mark E. Liska at 217/782-0610.

The applicant is engaged in the operation of a petroleum bulk station and terminal (SIC 5171). Waste water is generated by the discharge of hydrostatic testwater and stormwater from the loading racks and storage tank dikes. Plant operation results in an intermittent discharge of hydrostatic testwater and tank dike stormwater from outfall 001, the intermittent discharge of treated loading rack stormwater and tank condensate from outfall A01, the intermittent discharge of hydrostatic testwater and tank dike stormwater from outfall 002.

Application is made for the existing discharge(s) which are located in Effingham County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

<u>Outfall</u>	<u>Receiving Stream</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Stream Classification</u>	<u>Integrity Rating</u>
001	Unnamed tributary to Green Creek	39° 10' 34" North	88° 31' 9" West	General Use	Not Rated
002	Unnamed tributary to Green Creek	39° 10' 26" North	88° 31' 4" West	General Use	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

The unlisted stream segment receiving the discharge from outfall(s) 001 and 002 is not on the 2008 or 2010 303(d) list of impaired waters and is not a biologically significant stream.

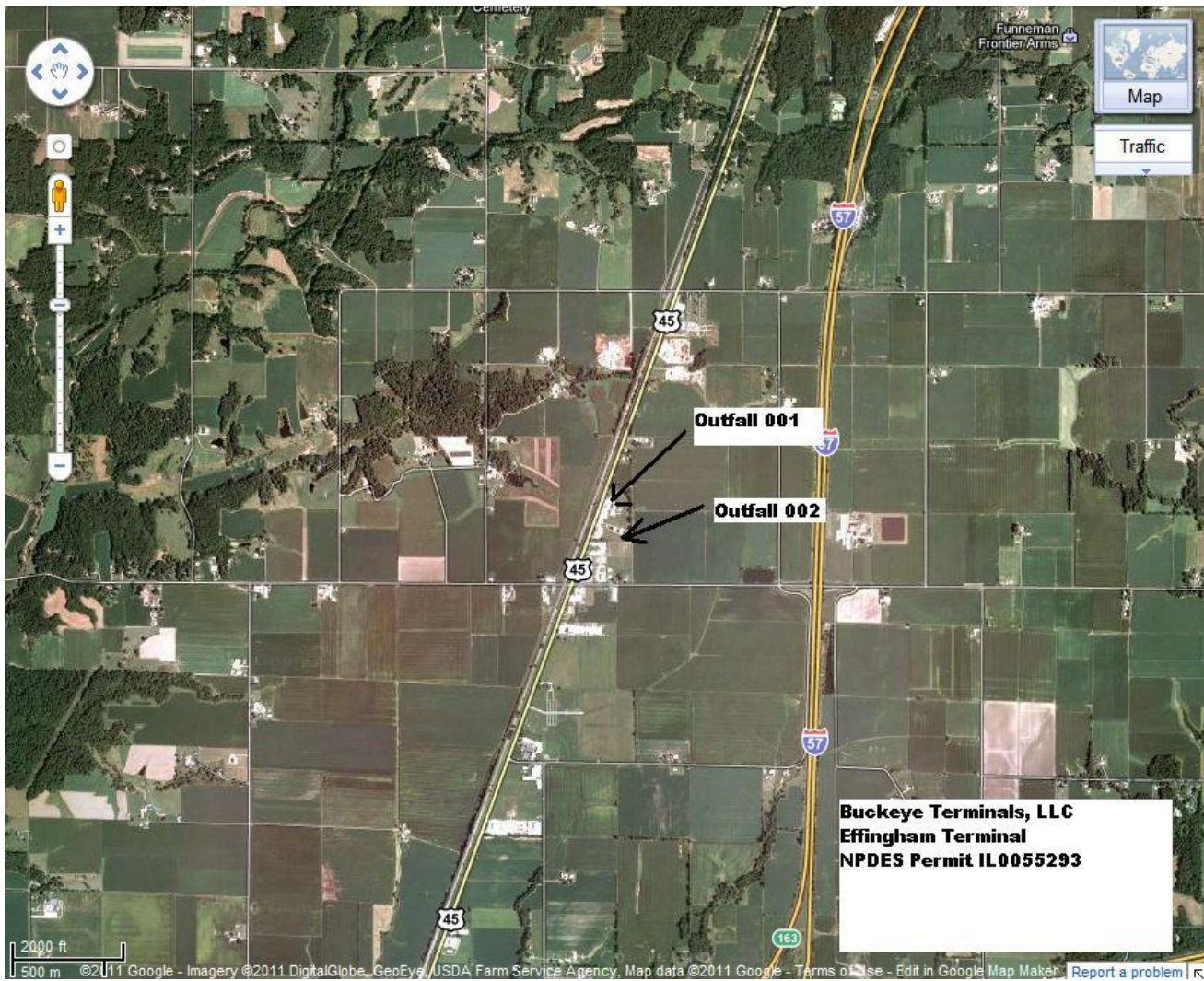
The discharge(s) from the facility shall be monitored and limited at all times as follows:

	<u>LOAD LIMITS lbs/day</u> <u>DAF (DMF)</u>			<u>CONCENTRATION</u> <u>LIMITS mg/l</u>		
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Outfall A01:						
Flow						
pH					6.5-9 s.u.	35 IAC 302.204
Total Suspended Solids				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 309.124
Benzene					0.05	40 CFR 125
Ethylbenzene				0.014	0.15	35 IAC 302.205
Toluene				0.6	2.0	35 IAC 302.208
Xylenes				0.36	0.92	35 IAC 302.208
Total BETX					0.75	40 CFR 125
Priority Pollutant PNA's					0.1	40 CFR 125

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/L		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Outfalls 001 and 002:						
Flow						
Oil and Grease				15	30	35 IAC 309.124
Benzene					0.05	40 CFR 125
Ethylbenzene				0.014	0.15	35 IAC 302.205
Toluene				0.6	2.0	35 IAC 302.208
Xylenes				0.36	0.92	35 IAC 302.208
Total BETX					0.75	40 CFR 125
Priority Pollutant PNA's					0.1	40 CFR 125

The following explain the conditions of the proposed permit:

Special Conditions will require monthly DMR submission, define PNAs, hydrostatic testing procedures, and explain BAT/BCT regulations for stormwater runoff.



NPDES Permit No. IL0055093

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Buckeye Terminals, LLC - Effingham Terminal
3823 Indianapolis Blvd.
East Chicago, Indiana 46312

Facility Name and Address:

Buckeye Terminals, LLC - Effingham Terminal
18264 North U.S. Highway 45
Effingham, Illinois 62401
(Effingham County)

Discharge Number and Name:

Receiving Waters:

001 Treated Loading Rack Stormwater and Tank Condensate,
Tank Dike Stormwater, and Hydrostatic Testwater

Unnamed tributary to Green Creek

A01 Treated Loading Rack Stormwater and Tank Condensate

002 Stormwater and Hydrostatic Testwater

Unnamed tributary to Green Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK: MEL:11090602.bah

NPDES Permit No. IL0055093

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE

Outfall(s): 001 - Treated loading Rack Stormwater and Tank Condensate, Tank Dike Stormwater, and Hydrostatic Testwater*****
(DAF = Intermittent)

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Flow (MGD)*					1/Month	Measure
Oil and Grease			15.0	30.0	1/Quarter	Grab
Benzene				0.05	1/Quarter	Grab
Ethylbenzene			0.014	0.15	1/Quarter	Grab
Toluene			0.6	2.0	1/Quarter	Grab
Xylenes			0.36	0.92	1/Quarter	Grab
Priority Pollutant PNA's**				0.1	1/Quarter	Grab
pH***			6.5 - 9.0 s.u.			Grab
Total BETX****				0.75		Grab

*See Special Condition 1

**See Special Condition 7

***See Special Condition 2

****Sum total of benzene, ethylbenzene, toluene and xylenes

*****Limits only apply during hydrostatic testing

NPDES Permit No. IL0055093

Effluent Limitations and Monitoring

1. From the modified date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall(s): 002 - Stormwater and hydrostatic testwater*****
(DAF = Intermittent)

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		CONCENTRATION <u>LIMITS mg/l</u>		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)*					1/Month	Measure
Oil and Grease			15.0	30.0	1/Quarter	Grab
Benzene				0.05	1/Quarter	Grab
Ethylbenzene			0.014	0.15	1/Quarter	Grab
Toluene			0.6	2.0	1/Quarter	Grab
Xylenes			0.36	0.92	1/Quarter	Grab
Priority Pollutant PNA's**				0.1	1/Quarter	Grab
pH***			6.5 - 9.0 s.u.		1/Quarter	Grab
Total BETX****				0.75	1/Quarter	Grab

*See Special Condition 1

**See Special Condition 7

***See Special Condition 2

****Sum total of benzene, ethylbenzene, toluene and xylenes

*****Limits only apply during hydrostatic testing

NPDES Permit No. IL0055093

Effluent Limitations and Monitoring

1. From the modified date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall(s): A01 - Treated Loading Rack Stormwater and Tank Condensate
(DAF = Intermittent)

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		CONCENTRATION <u>LIMITS mg/l</u>		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)*					1/Month	Measure
pH***					1/Month	Grab
Total Suspended Solids			15	30	1/Month	Grab
Oil and Grease			15	30	1/Month	Grab
Benzene				0.05	1/Month	Grab
Ethylbenzene			0.014	0.15	1/Month	Grab
Toluene			0.6	2.0	1/Month	Grab
Xylenes			0.36	0.92	1/Month	Grab
Total BETX****				0.75	1/Month	Grab
Priority Pollutant PNA's**				0.1	1/Month	Grab

*See Special Condition 1

**See Special Condition 7

***See Special Condition 2

****Sum Total of benzene, ethylbenzene, toluene and xylenes

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum on the monthly Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.5 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the eDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/edmr/index.html>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section, Mail Code # 19

SPECIAL CONDITION 4. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 5. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 6: No effluent shall contain settleable solids, floating debris, visible oil, grease, scum or sludge solids. Color, odor and turbidity must be reduced to below obvious levels.

SPECIAL CONDITION 7. The discharged shall be analyzed on a daily basis during hydrostatic discharge events for the following polynuclear aromatic hydrocarbons:

Acenaphthene	Chrysene
Acenaphthylene	Dibenzo (a,h) anthracene
Anthracene	Fluoranthene
Benzo (a) anthracene	Fluorene
Benzo (a) Pyrene	Indeno (1,2,3-cd) pyrene
3,4 Benzofluoranthene	Naphthalene
Benzo (ghi) perylene	Phenanthrene
Benzo (k) fluoranthene	Pyrene

SPECIAL CONDITION 8. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 9. The Agency has determined that the effluent limitations in this permit constitute BAT/BCT for storm water which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such storm water. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a storm water discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated storm water discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.

