

Public Notice Beginning Date: **September 6, 2013**

Public Notice Ending Date: **October 7, 2013**

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
Tek Park 5
9999 Hamilton Blvd.
Breinigsville, Pennsylvania 18031

Name and Address of Facility:

Buckeye Terminals, LLC - Decatur Terminal
266 East Shafer Street
Forsyth, Illinois 62535
(Macon 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 Brian Cox at 217/782-0610.

The applicant is engaged in the bulk storage and distribution of refined petroleum products via pipeline and/or tanker truck (SIC 5171). Waste water is generated from stormwater which collects in the diked tank storage areas and from conducting hydrostatic tests on the storage tanks and pipes. Plant operation results in an intermittent discharge of approximately 0.35 MGD of hydrostatic test water from internal outfall A01 and an intermittent discharge of hydrostatic test water and stormwater from outfall 001.

The following modifications are proposed:

The name and address of the discharger and the name of facility have been modified to reflect a change of ownership which occurred November 18, 2009. The name has been changed from ConocoPhillips Pipe Line Company to Buckeye Terminals, LLC.

Currently, Outfalls 001, 002, and 003 discharge to an on-site retention pond which overflows to an unnamed tributary to Stevens Creek. The retention pond is not the receiving body of water but aids in reduction of the total volume of stormwater discharged to waters of the United States. Therefore, the actual outfall location should be noted as the overflow from the retention pond. Consequently, Outfalls 002 and 003 have been removed from this permit and Outfall 001 will now be representative of the discharge from the retention pond.

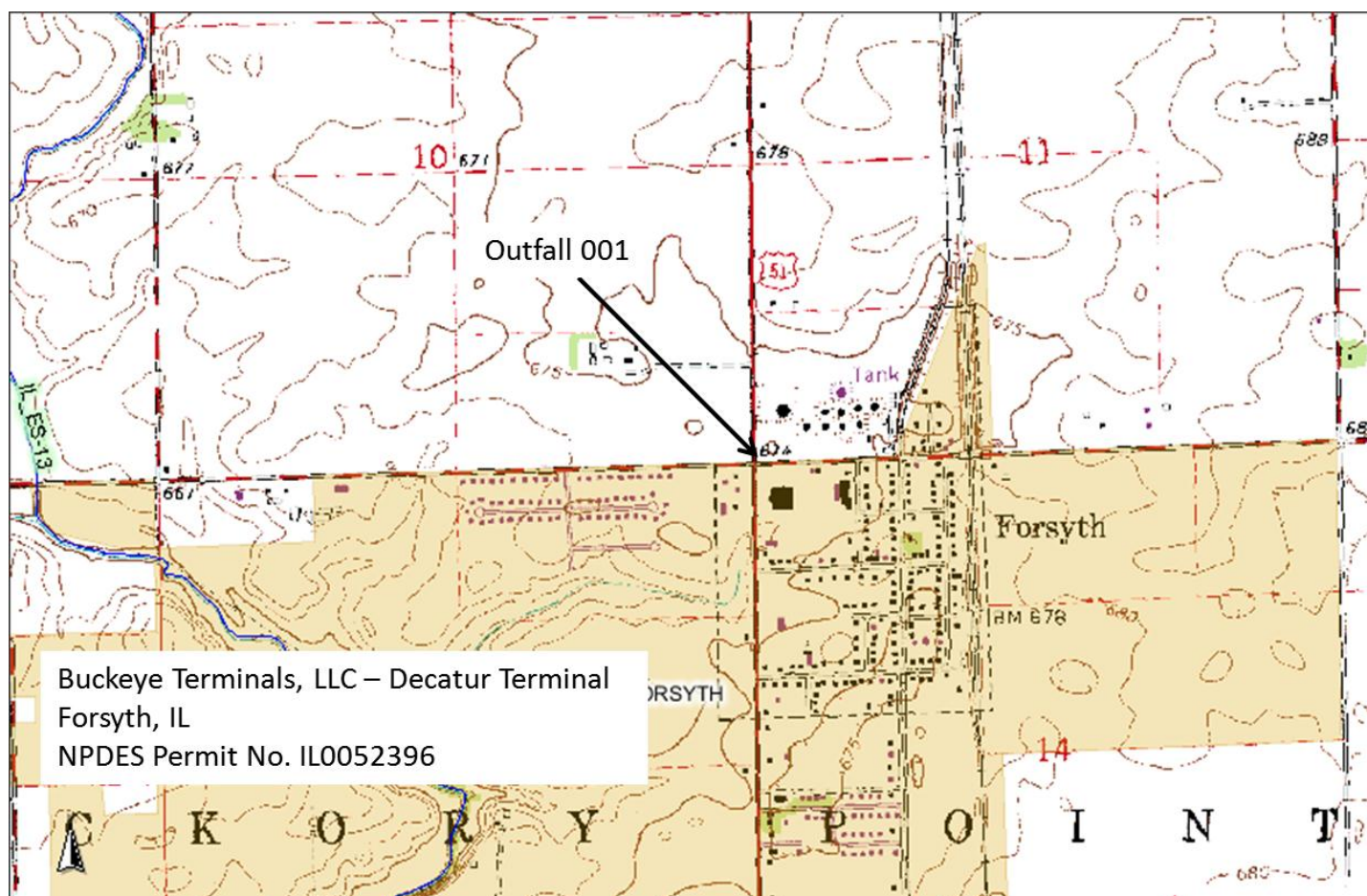
Internal outfall A01 has been added to the permit for the purpose of monitoring hydrostatic test discharges which are expected to occur approximately once every three years.

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

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Biological Stream Characterization
001	Unnamed tributary to Stevens Creek	39° 56' 08"	North	88° 57' 12"	West	General Use	Not Rated
A01	Internal outfall tributary to outfall 001						

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

The stream segment receiving the discharge from outfall(s) 001 is not on the draft 2012 303(d) list of impaired waters and is not a biologically significant stream on the 2008 Illinois Department of Natural Resources Publication – *Integrating Multiple Taxa in a Biological Stream Rating System*.



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

Outfall: A01

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		REGULATION	CONCENTRATION <u>LIMITS mg/l</u>		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)						
pH	Shall be within the range of 6.0 - 9.0 s.u.					35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Oil & Grease				15	30	35 IAC 304.124
Total Iron				2.0	4.0	35 IAC 304.124
Total Residual Chlorine					0.05	35 IAC 302.208(e) & 40 CFR 125.3
Total Lead				0.2	0.4	35 IAC 304.124
Phenols					0.1	35 IAC 302.208(g)
Benzene					0.05	40 CFR 125.3
Ethylbenzene				0.014	0.15	35 IAC 302.208(e)
Toluene				0.60	0.75	35 IAC 302.208(e) & 40 CFR 125.3
Xylenes (Total)				0.36	0.75	35 IAC 302.208(e) & 40 CFR 125.3
Total BETX					0.75	40 CFR 125.3
Priority Pollutant PNAs					0.10	40 CFR 125.3

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

Outfall: 001

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)						
pH	Shall be within the range of 6.0 - 9.0 s.u.					35 IAC 304.125
Oil & Grease				15	30	35 IAC 304.124
Phenols				Monitor Only		
Benzene				Monitor Only		
Ethylbenzene				Monitor Only		
Toluene				Monitor Only		
Xylenes (Total)				Monitor Only		

The following explain the conditions of the proposed permit:

The special conditions contained in the permit serve to clarify effluent limitations and monitoring requirements including submission requirements for discharge monitoring reports and monitoring location requirements. In addition, they provide definitions of priority pollutant PNAs and TRC.

NPDES Permit No. IL0052396

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:

Facility Name and Address:

Buckeye Terminals, LLC
Tek Park 5
9999 Hamilton Blvd.
Breinigsville, Pennsylvania 18031

Buckeye Terminals, LLC - Decatur Terminal
266 East Shafer Street
Forsyth, Illinois 62535
(Macon County)

Discharge Number and Name:

Receiving Waters:

001 Hydrostatic Test Water and Stormwater Runoff

Drainage ditch tributary to Kent Creek

A01 Hydrostatic Test Water

Internal outfall tributary to outfall 001

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

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NPDES Permit No. IL0052396

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:

Outfall(s): A01 Hydrostatic Test Water
(DAF = 0.35 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1				Daily When Discharging	Measurement
pH	See Special Condition 2				Daily When Discharging	Grab
Total Suspended Solids			15	30	Daily When Discharging	Grab
Oil & Grease			15	30	Daily When Discharging	Grab
Total Iron			2.0	4.0	Daily When Discharging	Grab
Total Residual Chlorine*				0.05	Daily When Discharging	Grab
Total Lead			0.2	0.4	Daily When Discharging	Grab
Phenol				0.1	Daily When Discharging	Grab
Benzene				0.05	Daily When Discharging	Grab
Ethylbenzene			0.014	0.15	Daily When Discharging	Grab
Toluene			0.60	0.75	Daily When Discharging	Grab
Xylenes (Total)**			0.36	0.75	Daily When Discharging	Grab
Total BETX***				0.75	Daily When Discharging	Calculation
Priority Pollutant PNAs****				0.10	Daily When Discharging	Grab

*See Special Condition 7.

**Includes ortho-, meta-, and para-xylene

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

****See Special Condition 6

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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:

Outfall(s): 001 Hydrostatic Test Water and Stormwater Runoff
(Intermittent Discharge)

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)	See Special Condition 1				1/Quarter	Measurement
pH	See Special Condition 2				1/Quarter	Grab
Oil & Grease			15	30	1/Quarter	Grab
Phenol			Monitor Only		1/Quarter	Grab
Benzene			Monitor Only		1/Quarter	Grab
Ethylbenzene			Monitor Only		1/Quarter	Grab
Toluene			Monitor Only		1/Quarter	Grab
Xylenes (Total)*			Monitor Only		1/Quarter	Grab

*Includes ortho-, meta-, and para-xylene

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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 6.0 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. 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. For the purposes of this permit samples taken for outfall 001 shall be taken at the point of discharge from the stormwater retention pond and samples taken for internal outfall A01 shall be taken at point representative of the hydrostatic test discharge but prior to entering the retention pond or commingling with stormwater or other wastewater discharges.

SPECIAL CONDITION 4. 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 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. For the purpose of this permit, Priority Pollutant PNAs shall be analyzed for the following compounds:

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

All samples shall be tested using test methods promulgated in 40 CFR 136, or other approved methods shall be utilized. The Agency may modify this permit during its term to incorporate additional monitoring requirements and limitations. Modification under this condition shall follow public notice and opportunity for hearing.

SPECIAL CONDITION 7. Sampling of Total Residual Chlorine (TRC) is only required during monitoring periods in which chlorine compounds are added to the hydrostatic test water or when municipal water is used as the source of hydrostatic testing. For the purpose of this permit Total Residual Chlorine means those substances which include combined and uncombined forms of both chlorine and bromine and which are expressed, by convention, as an equivalent concentration of molecular chlorine. All samples for Total Residual Chlorine shall be analyzed by an applicable method contained in 40 CFR 136, equivalent in accuracy to low-level amperometric titration. Any analytical variability of the method used shall be considered when determining the accuracy and precision

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Special Conditions

of the results obtained.

SPECIAL CONDITION 8. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 9. 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 10. 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.

SPECIAL CONDITION 11. For the purpose of this permit, the discharge from Outfall 001 is limited to stormwater and hydrostatic test water free from process and other wastewater discharges and the discharge from outfall A01 is limited to hydrostatic test water which may only be discharged from pipes and tanks which have been cleaned to remove and/or neutralize all product or which have never contained any product. The discharge of any free product is strictly prohibited.

SPECIAL CONDITION 12. Appropriate measures shall be taken to prevent water quality impacts resulting from soil erosion due to the discharge. The discharge flow shall be controlled so as not to cause scouring or other damage to stream beds or tanks.

SPECIAL CONDITION 13. Solid wastes such as straw used for filtering or erosion control shall be disposed in accordance with State and Federal law.

SPECIAL CONDITION 14. The permittee shall provide notification to the IEPA – Champaign Regional Office at least 24 hours prior to any hydrostatic testing which may result in a discharge (see Attachment H).

