

NPDES Permit No. IL0003336  
Notice No. SMT:12060301.smt

Public Notice Beginning Date: **July 12, 2012**

Public Notice Ending Date: **August 13, 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:

BP Products North America, Inc.  
100 East Standard Oil Road  
Rochelle, IL 61068

Name and Address of Facility:

BP Products North America, Inc.  
Rochelle Terminal  
100 East Standard Oil Road  
Rochelle, IL 61068  
(Ogle 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 Shu-Mei Tsai at 217/782-0610.

The applicant is engaged in the operation of a bulk distribution terminal (SIC 5171). Waste water is generated from hydrostatic testing activities of product storage tanks, pipelines and appurtenances located onsite and precipitation which contacts uncovered areas of the facility and is considered exposed to industrial activity. Plant operation results in an intermittent discharge of hydrostatic test water and stormwater from outfall 001 and an average discharge 2 MGD of hydrostatic test water from outfall A01.

Application is made for existing discharge(s) which is located in Ogle 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 of Kyte River	41° 45' 00"	North	89° 00' 15"	West	General Use	Not Rated

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

The stream segment receiving the discharge from outfall 001 is not on the draft 2010 Illinois Integrated Water Quality Report and Section 303(d) List. The receiving water has not been given an integrity rating or been listed as biologically significant in 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:

PARAMETER	LOAD LIMITS lbs/day		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Outfall: 001 Hydrostatic Test Water and Stormwater (Intermittent Discharge)						
Flow (MGD)						
Oil and Grease				15	30	35 IAC 304.124
Total Suspended Solids				15	30	35 IAC 304.124
Benzene					0.05	40 CFR 125.3
Ethylbenzene					0.15	35 IAC 302.208
Phenols					2.0	35 IAC 302.208
Xylene					0.92	35 IAC 302.208
Outfall: A01 Hydrostatic Test Water (DAF = 2 MGD)						
Flow (MGD)						
pH						35 IAC 302.204
Oil and Grease				15	30	35 IAC 304.124
Total Suspended Solids				15	30	35 IAC 304.124
Iron				2	4	35 IAC 304.124
Total Residual Chlorine					0.05	40 CFR 125.3
Benzene					0.05	40 CFR 125.3
Ethylbenzene				0.014	0.15	35 IAC 302.208
Toluene				0.6	0.2	35 IAC 302.208
Xylene				0.36	0.92	35 IAC 302.208
Total BETX					0.75	40 CFR 125.3
Total PNA's					0.1	40 CFR 125.3

The following explain the conditions of the proposed permit:



NPDES Permit No. IL0003336

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:

BP Products North America, Inc.  
100 East Standard Oil Road  
Rochelle, IL 61068

Facility Name and Address:

BP Products North America, Inc.  
Rochelle Terminal  
100 East Standard Oil Road  
Rochelle, IL 61068  
(Ogle County)

Discharge Number and Name:

001 Hydrostatic Test Water and Stormwater

A01 Hydrostatic Test water

Receiving Waters:

Kyte River

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:SMT:12060301.smt

NPDES Permit No. IL0003336

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: 001 Hydrostatic Test Water and Stormwater (Intermittent Discharge)

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	See Special Condition 1				1/Month	
Oil and Grease			15	30	1/Month	Grab
Total Suspended Solids			15	30	1/Month	Grab
Benzene				0.05	1/Quarter	Grab
Ethylbenzene				0.15	1/Quarter	Grab
Phenols				0.1	1/Quarter	Grab
Xylene				0.92	1/Quarter	Grab

Quarterly sampling results shall be submitted with the March, June, September, and December DMR's.

The above limits apply only to stormwater.

## NPDES Permit No. IL0003336

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: A01 Hydrostatic Test Water (DAF = 2 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	See Special Condition 1				1/Discharge	
pH	See Special Condition 2				1/Discharge	Grab
Oil and Grease			15	30	1/Discharge	Grab
Total Suspended Solids			15	30	1/Discharge	Grab
Iron			2	4	1/Discharge	Grab
Total Residual Chlorine				0.05	1/Discharge	Grab
Benzene				0.05	1/Discharge	Grab
Ethylbenzene			0.014	0.15	1/Discharge	Grab
Toluene			0.6	0.2	1/Discharge	Grab
Xylene			0.36	0.92	1/Discharge	Grab
Total BETX	See Special Condition 7			0.75	1/Discharge	Grab
Total PNA's	See Special Condition 6			0.1	1/Discharge	Grab

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 value 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. Samples taken in compliance with the effluent monitoring requirements shall be taken prior to mixing with stormwater and prior to entry into the receiving stream.

SPECIAL CONDITION 4. The Permittee shall record the monitoring results on the 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 15<sup>th</sup> 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. Priority Pollutant PNA's is defined as the sum total of the following Polynuclear Aromatic Hydrocarbons:

Acenaphthene	Chrysene
Acenaphthylene	Dibenzene(a, h) anthracene
Anthracene	Fluoranthene
Benzo (a) anthracene	Fluorene
Benzo (a) pyrene	Indeno (1,2,3 – cd) pyrene
Benzo(e)pyrene	Naphthalene
Benzo (ghi) perylene	Phenanthrene
Benzo (j) fluoranthene	Pyrene
Benzo (k) fluoranthene	

SPECIAL CONDITION 7. Total BETX is defined as the sum total of Benzene, Ethyl benzene, Toluene and Xylene.

SPECIAL CONDITION 8. The permittee shall provide telephone notification to the Rockford FOS at (815) 987-7760 at least 24 hours prior to any hydrostatic testing activities.

SPECIAL CONDITION 9. All tanks, pipelines and appurtenances must be thoroughly cleaned and free of product residuals prior to hydrostatic testing activities. Cleaning waters are not authorized to be discharged by this permit and must be disposed of at a site and in a manner acceptable to the Agency. Contact the Industrial Permit Unit at (217) 782-0610 to determine if specific disposal practices of cleaning waters requires additional permitting.

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

Special Conditions

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.