

NPDES Permit No. IL0068705  
Notice No. JAR:12081601.jar

Public Notice Beginning Date: **September 28, 2012**

Public Notice Ending Date: **October 29, 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:

Marathon Petroleum Company, LP  
539 South Main Street  
Findlay, OH 45840

Name and Address of Facility:

Marathon Petroleum Company, LP  
Benton Terminal  
420 Spani Street  
Benton, IL 62812  
(Franklin 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 Jaime Rabins at 217/782-0610.

The applicant is engaged in the blending, storing, and distributing of asphalt cement emulsions for the paving industry (SIC 2951). Waste water is generated from hydrostatic testing of product storage tanks, pipelines and appurtenances located onsite, periodically discharging boiler water when solids buildup, regenerating the water softener resin, and precipitation which contacts the site. Plant operation results in an average discharge of 0.0032 MGD of hydrostatic test water, boiler blowdown, water softener recharge, and stormwater, a average discharge of 0.5 MGD of hydrostatic test water from outfall A01 and an intermittent discharge of stormwater from outfall B01.

The following modification is proposed:

The discharger name was changed from Marathon Petroleum Company, LLC to Marathon Petroleum Company, LP.

Application is made for the existing discharge which is located in Franklin 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 the Big Muddy River	37° 59' 27"	North	88° 54' 58"	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 as it has not been assessed. The receiving water has not been listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*.

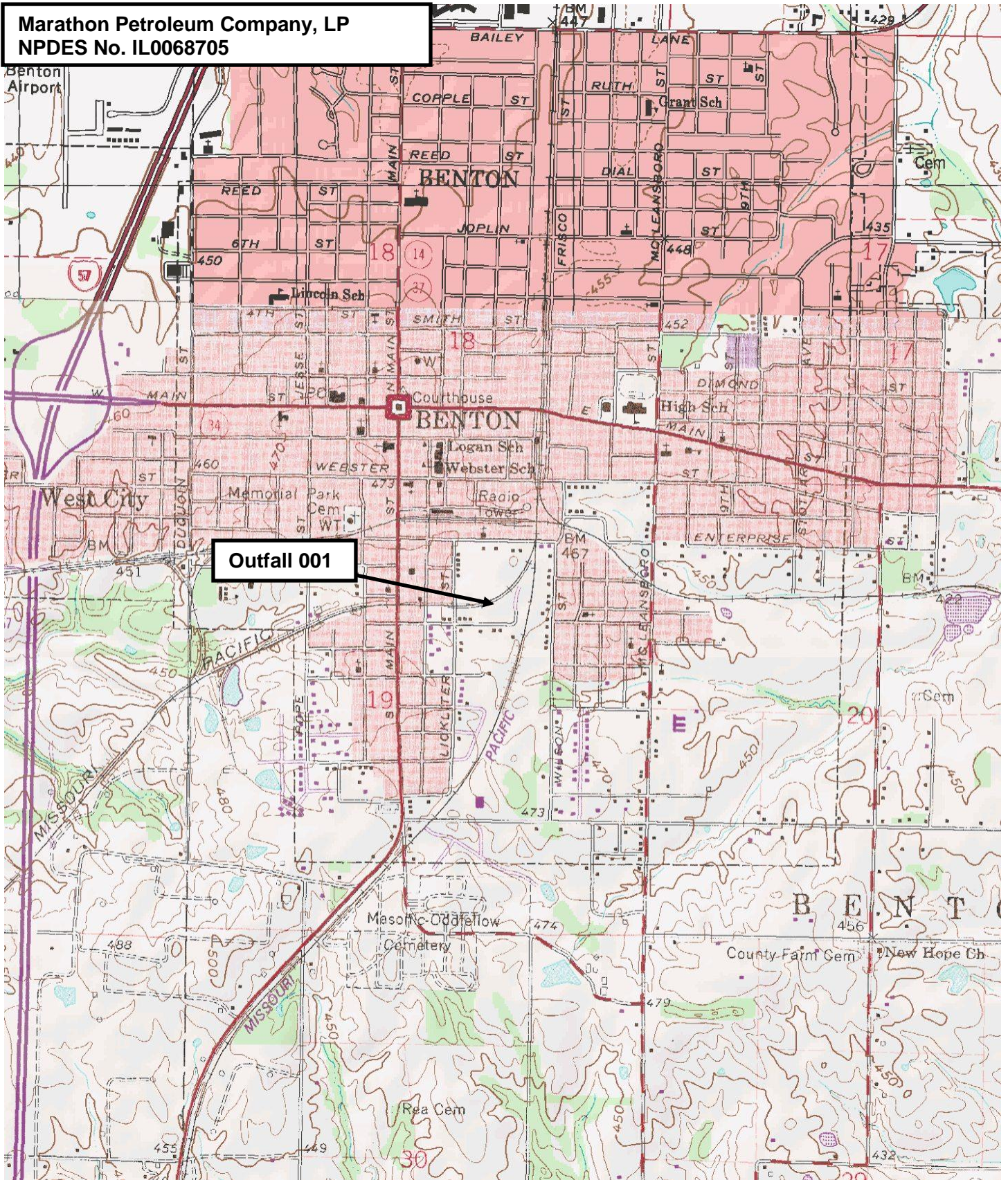
The discharge(s) from the facility shall be monitored and limited at all times as follows:

PARAMETER	LOAD LIMITS lbs/day		REGULATION	CONCENTRATION		REGULATION
	DAF (DMF)			LIMITS mg/l		
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Outfall: 001 Hydrostatic Test Water, Boiler Blowdown, Water Softener Recharge, and Stormwater (DAF = 0.0032 MGD)						
Flow (MGD)						
pH						35 IAC 302.204
Total Suspended Solids				15	30	35 IAC 304.124
Chloride				Monitor Only		35 IAC 309.146
Outfall: A01 Hydrostatic Test Water (DAF = 0.5 MGD)						
Flow						
pH						35 IAC 302.204
Oil and Grease			15	30		
Total Suspended Solids			15	30		
Iron			2	4		
Benzene				0.05		
Ethylbenzene			0.014	0.15		
Toluene			0.6	2.0		
Xylene			0.36	0.92		
Total BETX				0.75		
Total PNA's				0.1		
Outfall: B01 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Total Suspended Solids				10	15	40 CFR 443.13
Oil and Grease				15	23	40 CFR 443.13

The following explain the conditions of the proposed permit:

The special conditions clarify: flow, pH, temperature, monitoring location, discharge monitoring reports, re-opener, water treatment additives and stormwater.

**Marathon Petroleum Company, LP**  
**NPDES No. IL0068705**



NPDES Permit No. IL0068705

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:

Marathon Petroleum Company, LP  
539 South Main Street  
Findlay, OH 45840

Marathon Petroleum Company, LP  
Benton Terminal  
420 Spani Street  
Benton, IL 62812  
(Franklin County)

Discharge Number and Name:	Receiving Waters:
001 Hydrostatic Test Water, Boiler Blowdown, Water Softener Recharge, and Stormwater	Unnamed tributary to the Big Muddy River
A01 Hydrostatic Test Water	
B01 Stormwater	

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. IL0068705

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, Boiler Blowdown, Water Softener Recharge, and Stormwater (DAF = 0.0032 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				1/Month	
pH	See Special Condition 2				1/Month	Grab
Total Suspended Solids			15	30	1/Month	Grab
Chloride					1/Quarter	Grab

Chloride monitoring results shall be reported on the March, June, September, and December DMR's.

## NPDES Permit No. IL0068705

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 = 0.5 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
Benzene				0.05	1/Discharge	Grab
Ethylbenzene			0.014	0.15	1/Discharge	Grab
Toluene			0.6	2.0	1/Discharge	Grab
Xylene			0.36	0.92	1/Discharge	Grab
Total BETX	See Special Condition 9			0.75	1/Discharge	Grab
Total PNA's	See Special Condition 10			0.1	1/Discharge	Grab

Benzene, ethylbenzene, toluene, xylene, total BETX, and total PNA limits only apply to discharges resulting from hydrostatic testing activities which may contain petroleum or its derivatives.

NPDES Permit No. IL0068705

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: B01 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 (MGD)	See Special Condition 1				1/Month	
Total Suspended Solids			10	15	1/Month	Grab
Oil and Grease			15	23	1/Month	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 at a point representative of the discharge, but prior to entry into the receiving stream.

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 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. The Permittee shall provide telephone notification to the Marion FOS (217/618-7200) at least 24 hours prior to any hydrostatic test which may result in a discharge.

SPECIAL CONDITION 6. 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 7. In the event that the permittee must request a change in the use of water treatment additives, the permittee must request a change in this permit in accordance with Standard Conditions - - Attachment H.

SPECIAL CONDITION 8. Total BETX is defined as the sum total of Benzene, Ethyl benzene, Toluene and Xylene.

SPECIAL CONDITION 9. 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 10. 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 11. 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



Special Conditions

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.