

NPDES Permit No. IL0071218
Notice No. MEL:11092002.bah

Public Notice Beginning Date: **October 28, 2011**

Public Notice Ending Date: **November 28, 2011**

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:

Mobil Pipeline Company - Patoka
8328 U.S. Highway 51
Patoka, Illinois 62875

Name and Address of Facility:

Mobil Pipeline Company - Patoka
8328 U.S. Highway 51
Patoka, Illinois 62875
(Marion 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 storage and pumping of crude oil at a pipe line station (SIC 4612). Waste water is generated from the discharge of hydrostatic test water. Plant operation results in an average discharge of 7.34 MGD of hydrostatic test water from outfalls 001 through 009.

The following modification is proposed:

Outfalls 002 – 009 have been added to the permit. These outfalls are alternate outfalls for hydrostatic test water.

Application is made for the existing discharge(s) which are located in Marion 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	Drainage Ditch to unnamed tributary to North Fork Stream	38° 47' 15" North	89° 5' 10" West	General Use	Not Rated
002	Drainage Ditch to unnamed tributary to North Fork Stream	38° 47' 13" North	89° 4' 57" West	General Use	Not Rated
003	Drainage Ditch to unnamed tributary to North Fork Stream	38° 46' 59" North	89° 4' 56" West	General Use	Not Rated
004	Drainage Ditch to unnamed tributary to North Fork Stream	38° 46' 56" North	89° 4' 58" West	General Use	Not Rated
005	Drainage Ditch to unnamed tributary to North Fork Stream	38° 46' 50" North	89° 4' 59" West	General Use	Not Rated
006	Drainage Ditch to unnamed tributary to North Fork Stream	38° 46' 46" North	89° 4' 59" West	General Use	Not Rated
007	Drainage Ditch to unnamed tributary to North Fork Stream	38° 47' 36" North	89° 5' 1" West	General Use	Not Rated
008	Drainage Ditch to unnamed tributary to North Fork Stream	38° 46' 37" North	89° 5' 4" West	General Use	Not Rated
009	Drainage Ditch to unnamed tributary to North Fork Stream	38° 46' 34" North	89° 5' 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) 001-009 is not on the 2008 or 2010 303(d) list of impaired waters and is not a biologically significant stream on the 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:

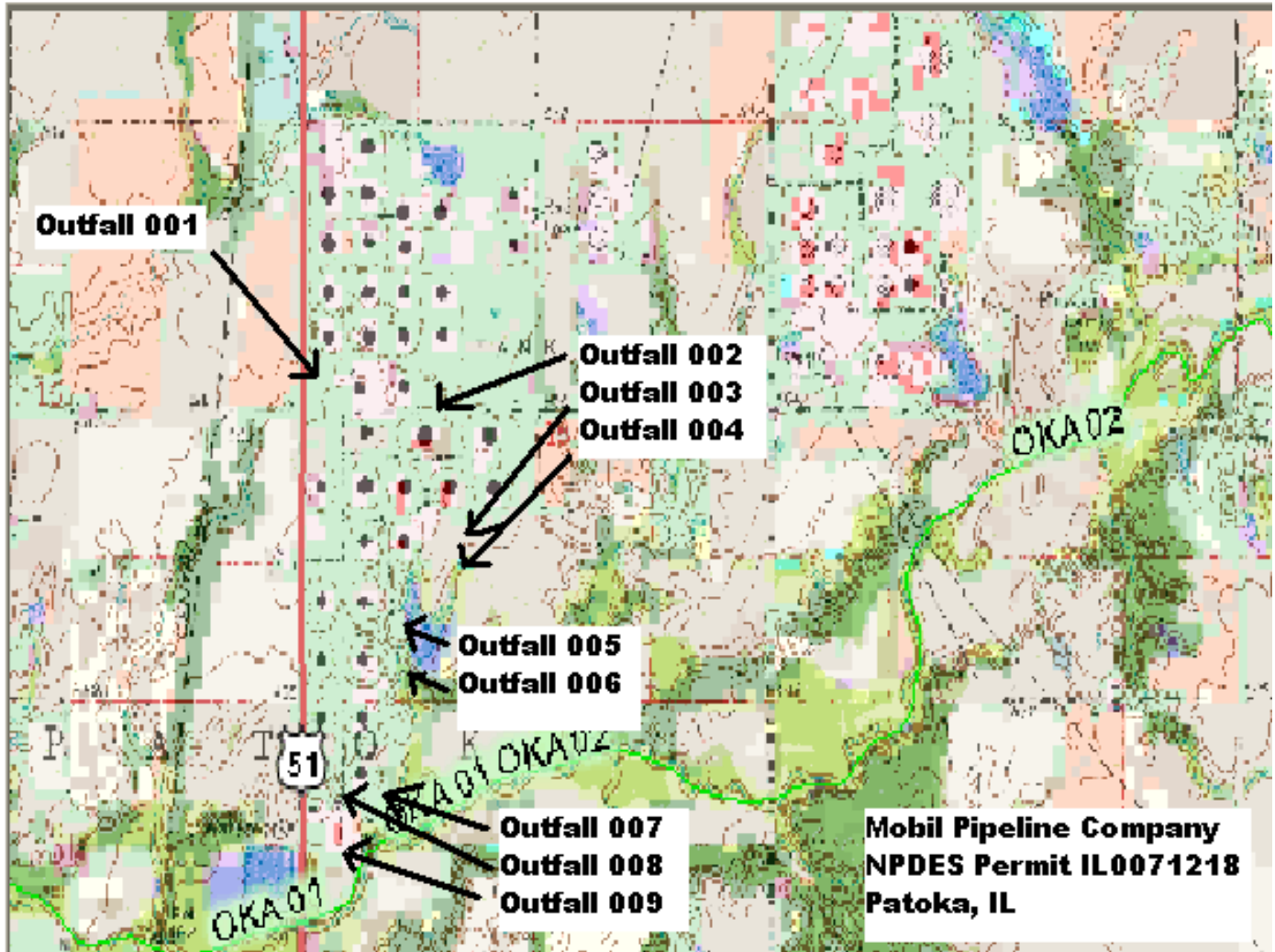
PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		REGULATION	CONCENTRATION <u>LIMITS mg/L</u>		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
<u>Outfalls:</u> 001 - 009						
Flow						35 IAC 309.146
pH				6.5-9.0		35 IAC 302.204
TSS				15	30	35 IAC 304.124
Oil and Grease				15	30	35 IAC 304.124
Total Iron				2	4	35 IAC 304.124
Benzene					0.05	40 CFR 125.3
Ethylbenzene				0.014	0.15	35 IAC 302.208
Toluene				0.11	1.13	40 CFR 122.44(I)
Total Xylenes				0.113	0.92	40 CFR 122.44(I)
Total BETX					0.75	40 CFR 125.3

The following explain the conditions of the proposed permit:

Special Conditions shall require monthly DMR submission and explain procedures and limits for hydrostatic testing activities.

Outfalls 002 through 009 are alternate discharges for hydrostatic test water that was previously permitted. The Permittee will not be allowed to discharge from more than one outfall at one time. Also, all of the discharge points are to the same receiving stream. Because

there is no new net discharge to the receiving stream, the new outfalls are not subject to an antidegradation assessment.



NPDES Permit No. IL0071218

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:

Mobil Pipeline Company - Patoka
8328 U.S. Highway 51
Patoka, Illinois 62875

Facility Name and Address:

Mobil Pipeline Company - Patoka
8328 U.S. Highway 51
Patoka, Illinois 62875
(Marion County)

Discharge Number and Name:	Receiving Waters:
001 – Hydrostatic Test Water	Drainage Ditch to unnamed tributary to North Fork Stream
002 – Hydrostatic Test Water	Drainage Ditch to unnamed tributary to North Fork Stream
003 – Hydrostatic Test Water	Drainage Ditch to unnamed tributary to North Fork Stream
004 – Hydrostatic Test Water	Drainage Ditch to unnamed tributary to North Fork Stream
005 – Hydrostatic Test Water	Drainage Ditch to unnamed tributary to North Fork Stream
006 – Hydrostatic Test Water	Drainage Ditch to unnamed tributary to North Fork Stream
007 – Hydrostatic Test Water	Drainage Ditch to unnamed tributary to North Fork Stream
008 – Hydrostatic Test Water	Drainage Ditch to unnamed tributary to North Fork Stream
009 – Hydrostatic Test Water	Drainage Ditch to unnamed tributary to North Fork Stream

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:11092002.bah

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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:

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		
<u>Outfalls:</u> 001-009: Hydrostatic Test Water (Discharge = Up to 7.34 MGD)						
Flow	See Special Condition 1				Daily*	Measure
pH	See Special Condition 2				Daily*	Grab
TSS			15	30	Daily*	Grab
Oil and Grease			15	30	Daily*	Grab
Total Iron			2	4	Daily*	Grab
Benzene				0.05	Daily*	Grab
Ethylbenzene			0.014	0.15	Daily*	Grab
Toluene			0.11	1.13	Daily*	Grab
Total Xylenes**			0.113	0.92	Daily*	Grab
Total BETX***				0.75	Daily*	Calculation

*Sample frequency shall be on a daily basis during hydrostatic testing.

**Total Xylenes shall be defined as the arithmetic sum of ortho-, meta-, and para-xylenes.

***Total BETX shall be defined as the arithmetic sum of Benzene, Ethylbenzene, Toluene, and Total 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. The permittee shall provide notification to the IEPA-Collinsville Regional Office at least 24-hours prior to any hydrostatic testing which may result in a discharge (Attachment H).

SPECIAL CONDITION 7. No effluent shall contain settleable solids, floating debris, visible oil, grease, scum, or sludge solids. Color (including color resulting from dyes or tracers in the hydrostatic test water), odor and turbidity shall be reduce to below obvious levels.

SPECIAL CONDITION 8. 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 banks.

SPECIAL CONDITION 9. Solid wastes such as straw used for filtering or erosion control shall be disposed in accordance with state and federal law.

SPECIAL CONDITION 10. For the purpose of this permit, the discharge is limited to effluent resulting from hydrostatic testing of tanks used for storage of petroleum crude oil. Hydrostatic testing of tanks used for storage of products other than petroleum crude oil requires an NPDES permit modification. The Agency will public notice the permit modification.

SPECIAL CONDITION 11. For the purpose of this permit, the permittee may only discharge from one outfall at any time. Discharge from more than one outfall at any time would require a modification to this permit, including an antidegradation analysis. This modification would be subject to public notice.