

NPDES Permit No. IL0080130  
Notice No. SMT:23042401.smt

Public Notice Beginning Date: October 11, 2023

Public Notice Ending Date: November 13, 2023

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:

Kinder Morgan Liquids Terminals, LLC  
Wood River Terminal  
1000 BP Lane  
Hartford, Illinois 62048

Name and Address of Facility:

Kinder Morgan Liquids Terminals, LLC  
Wood River Terminal  
1000 BP Lane  
Hartford, Illinois 62048  
(Madison 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 petroleum bulk stations and terminals (SIC 5171). Waste water is generated from hydrostatic tank testing and stormwater collected in the tank farm containment dikes and the loading rack oil and water separator. The Agency issued a State Permit 2023-EN-68035 for a new treatment system of contaminated stormwater on February 28, 2023. Plant operation results in an average discharge of 1.728 MGD of hydrostatic test water, untreated stormwater and treated stormwater runoff from Outfall 001.

Application is made for the existing discharge(s) which are located in Madison 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	Ditch to Cahokia Diversion Channel to Mississippi River	38° 50' 53.1" North	90° 05' 0.43" West	General Use	Not Rated

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

The subject facility discharges to an unnamed ditch tributary to the Cahokia Diversion Channel at a point where 0 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The unnamed ditch tributary to the Cahokia Diversion Channel is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The unnamed ditch tributary to the Cahokia Diversion Channel, tributary to Waterbody Segment, JQ-07, is not listed on the 2020/2022 Illinois Integrated Water Quality Report and Section 303(d) List since it has not been assessed. The unnamed ditch tributary to the Cahokia Diversion Channel is not subject to enhanced dissolved oxygen standards.

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

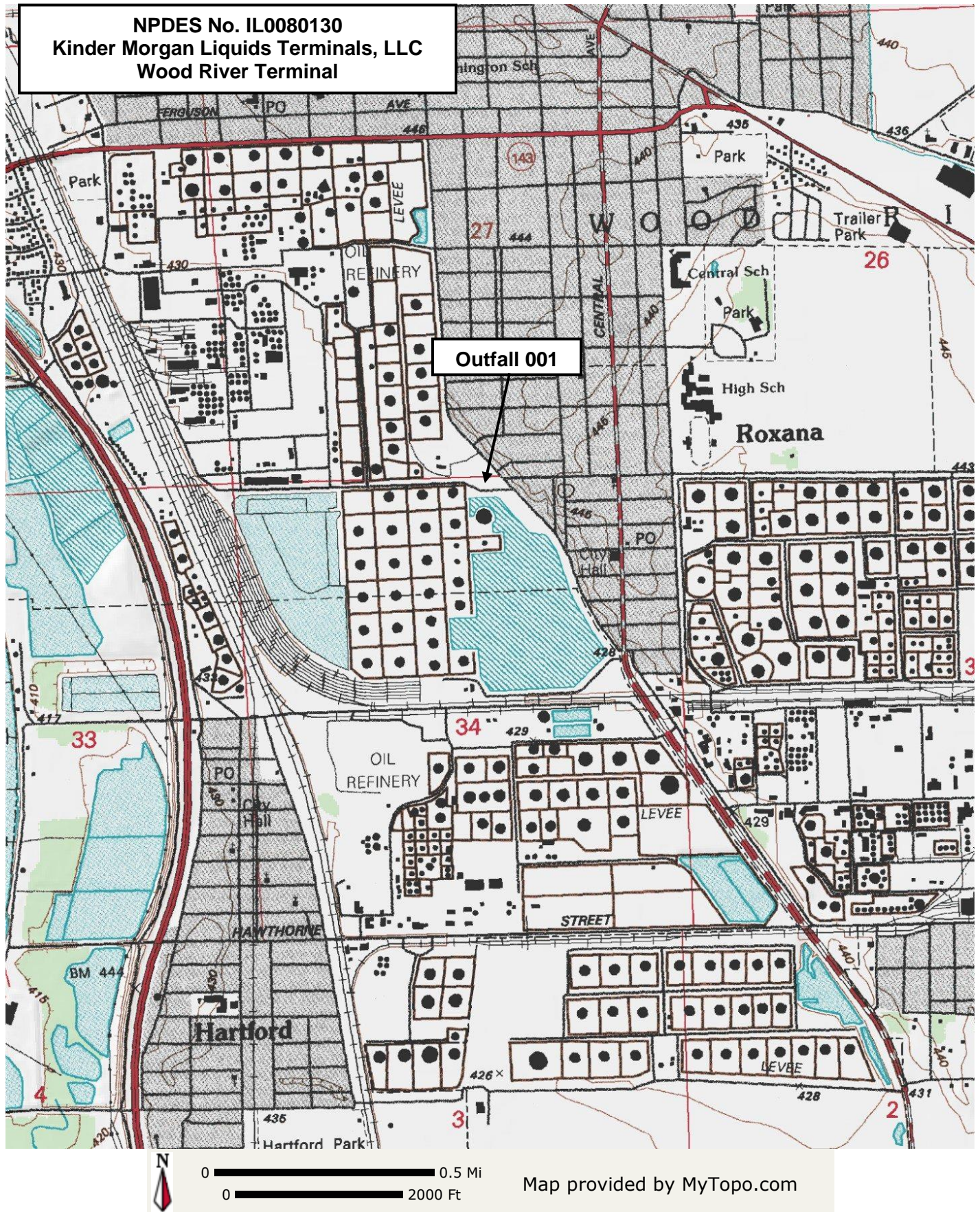
Outfall 001: Hydrostatic Test Water, Untreated Stormwater, and Treated Stormwater Runoff (Discharge = 1.728 MGD)

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						35 IAC 309.146
pH						35 IAC 302.204
BOD <sub>5</sub>				10	20	35 IAC 304.120€
Oil and Grease				15.0	30.0	35 IAC 304.124
Total Suspended Solids				12	24	35 IAC 304.120 (e)
Total Residual Chlorine					0.05	40 CFR 125.3
Benzene				0.86	4.2	35 IAC 302.208 (e)
Toluene				0.014	0.15	35 IAC 302.208 (e)
Ethylbenzene				0.6	2	35 IAC 302.208 (e)
Xylene				0.36	0.92	35 IAC 302.208 (e)
Total BETX					0.75	40 CFR 125.3
Total PNA's					0.1	40 CFR 125.3
Naphthalene				0.068	0.51	35 IAC 302.210
Stormwater				BAT/BCT		40 CFR 122.26(b)(14)(viii)

The following explain the conditions of the proposed permit:

Special conditions include the descriptions of flow measurement and reporting, monitoring location, discharge monitoring reports, re-opening of the permit, Certified Class K – Water Remediation, water treatment additives, and the requirement of renewal applications.







NPDES Permit No. IL0080130

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 Discharger:

Kinder Morgan Liquids Terminals, LLC  
1000 BP Lane  
Hartford, Illinois 62048

Name and Address of Facility:

Kinder Morgan Liquids Terminals, LLC  
Wood River Terminal  
1000 BP Lane  
Hartford, Illinois 62048  
(Madison County)

Discharge Number and Name:

001 Hydrostatic test Water, Untreated Stormwater, and Treated  
Stormwater Runoff

Receiving Waters:

Ditch to Cahokia Diversion Channel to Mississippi 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.

Darin E. LeCrone, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

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Effluent Limitations and Monitoring

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, Untreated Stormwater, and Treated Stormwater Runoff (Discharge = 1.728 MGD)

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	See Special Condition 1.				Continuous	Measured or Estimate
pH	See Special Condition 2.				1/Month	Grab
BOD <sub>5</sub>			10	20	1/Month	Grab
Oil and Grease			15.0	30.0	1/Month	Grab
Total Suspended Solids			12	24	1/Month	Grab
Total Residual Chlorine				0.05	1/Month	Grab
Benzene			0.86	4.2	1/Month	Grab
Toluene			0.014	0.15	1/Month	Grab
Ethylbenzene			0.6	2.0	1/Month	Grab
Xylene			0.36	0.92	1/Month	Grab
Total BETX				0.75	1/Month	Grab
Total PNA's				0.1	1/Month	Grab
Naphthalene			0.068	0.51	1/Month	Grab
Stormwater	See Special Condition 10.		BAT/BCT			

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. The monthly average shall consist of the summation of the daily flows divided by the number of days the facility discharged during that month.

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) electronic 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 is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <https://epa.illinois.gov/topics/water-quality/surface-water/netdmr.html>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver 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  
Attention: Compliance Assurance Section, Mail Code # 19  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

SPECIAL CONDITION 5. Total BETX is defined as the sum total of Benzene, Ethyl benzene, Toluene and Xylene.

SPECIAL CONDITION 6. Total PNA's is defined as the sum total of 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-c,d) pyrene
Benzo (g,h,i) perylene	Naphthalene
Benzo (b) fluoranthene	Phenanthrene
Benzo (k) fluoranthene	Pyrene

SPECIAL CONDITION 7. 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 8. In the event that the permittee shall require the use of water treatment additives, the permittee must request a change in this permit in accordance with the Standard Conditions -- Attachment H.

SPECIAL CONDITION 9. 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 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 (Outfall 001) 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

Special Conditions

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. To receive the renewal authorization to discharge under this permit, the applicant must complete and submit Application Forms 1, 2C and 2F for all existing discharge, a Form 2D for any new discharge. Pursuant to 40 CFR 122.21(c)(1), permittees must submit a renewal application at least 180 days prior to expiration of the current permit.