

NPDES Permit No. IL0002127
Notice No. DEL:ASA:23071801.docx

Public Notice Beginning Date: **September 08, 2023**

Public Notice Ending Date: **October 9, 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 Ave.
East Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Union Pacific Railroad
530 East Sibley Blvd.
Dolton, Illinois 60419

Name and Address of Facility:

Union Pacific Railroad
5050 West Lake Street
Melrose Park, Illinois 60160
(Cook 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 Anwar Azeem at 217/782-0610.

The applicant is engaged in the operation of a terminal switching and classification yard (SIC 4013).The Facility consists of two function areas, global 2 and proviso yard. Global 2 has freight transloading, hostler truck repair and maintenance, and lift crane repair and maintenance. The proviso yard is for terminal switching and classification, warehousing, general railroad maintenance, rail car repair shop, and locomotive maintenance repair facility. Wastewater is generated from precipitation and results in an intermittent discharge of stormwater runoff from outfall 001.

Application is made for existing discharge(s) which are located in Champaign 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	Mudd Creek	41° 53' 49"	North	87° 51' 28"	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 stormwater runoff to Mudd Creek at a point where 0 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. Mudd Creek is classified as a General Use Water, is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biologically Stream Rating System*, nor is it given an integrity rating in that document. Mudd Creek tributary to Addison Creek, Waterbody Segment, GLA-02, is not listed on the 2020/2022 Illinois Integrated Water Quality Report and Section 303(d) List since it has not been assessed. Mudd Creek is not subject to enhanced dissolved oxygen standards.

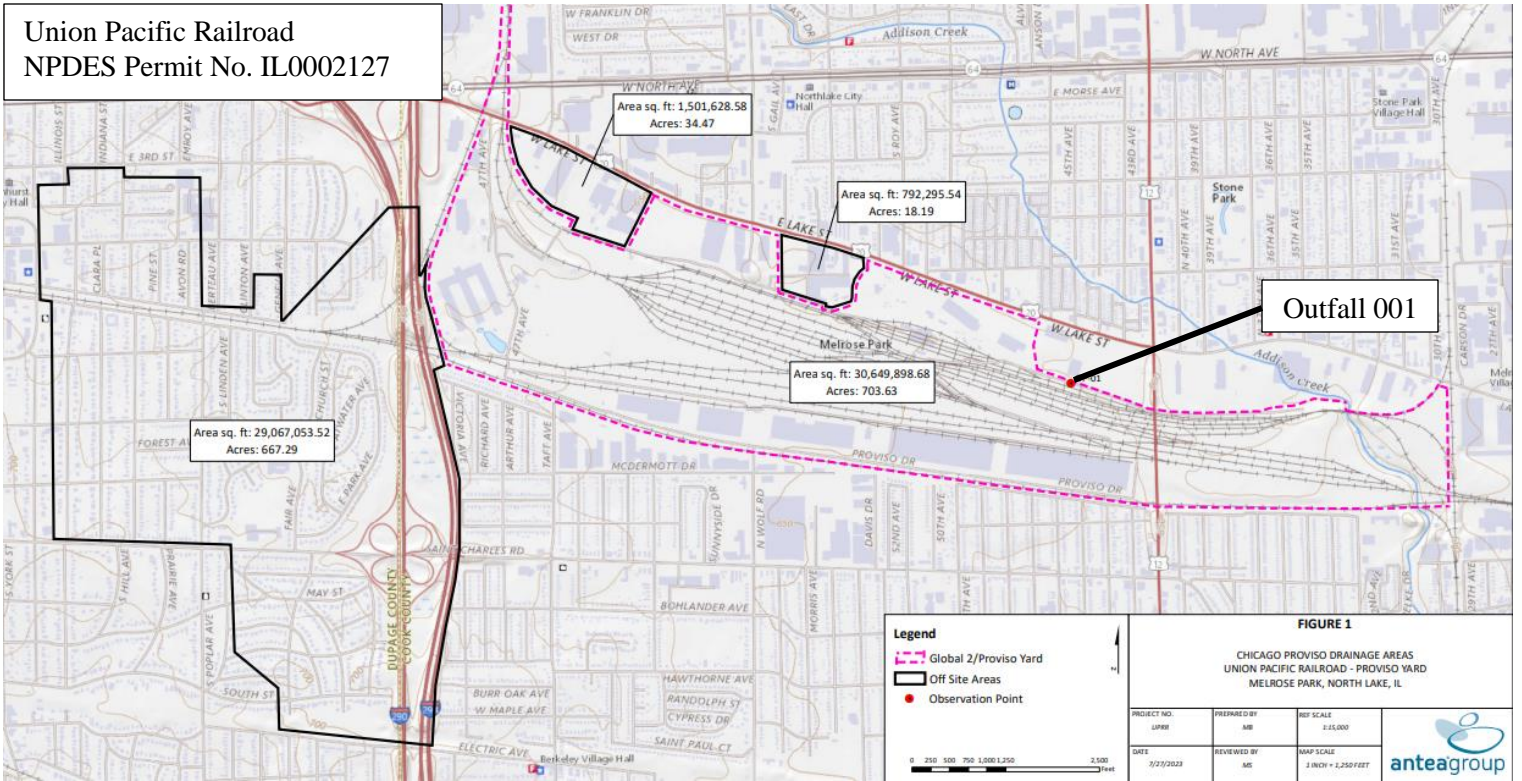
The discharge(s) from the facility shall be monitored and limited at all times as follows:

Outfall 001: Stormwater Runoff (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day			CONCENTRATION LIMITS mg/l		
	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Flow (MGD)						35 IAC 309.146
pH						35 IAC 302.204
Oil and Grease				15	30	35 IAC 304.124
BOD ₅					Monitor Only	35 IAC 309.146
TSS					Monitor Only	35 IAC 309.146
Benzene					Monitor Only	35 IAC 309.146
Ethylbenzene					Monitor Only	35 IAC 309.146
Toluene					Monitor Only	35 IAC 309.146
Xylene					0.92	35 IAC 302.208

The following explain the conditions of the proposed permit:

The special conditions clarify flow, pH, DMRs, sampling, reopener, stormwater discharges only, and BAT/BCT for stormwater.



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Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Ave. 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:

Union Pacific Railroad
301 West Lake Street
North Lake, Illinois 60164

Union Pacific Railroad
5050 West Lake Street
Melrose Park, Illinois 60160
(Cook County)

Discharge Number and Name:

Receiving Waters:

001 Stormwater Runoff

Muff Creek

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 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: Stormwater Runoff (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1				Quarterly	Measure/Estimate
pH	See Special Condition 2				Quarterly	Grab
Oil and Grease			15	30	Quarterly	Grab
BOD ₅			Monitor Only		Quarterly	Grab
TSS			Monitor Only		Quarterly	Grab
Benzene			Monitor Only		Quarterly	Grab
Ethylbenzene			Monitor Only		Quarterly	Grab
Toluene			Monitor Only		Quarterly	Grab
Xylene				0.92	Quarterly	Grab

Quarterly sampling shall take place in the months of March, June, September, and December and be submitted on the following month's DMR form.

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. 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://www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/Pages/quick-answer-guide.aspx>.

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 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. For the purpose of this permit, this discharge is limited to storm water, free from process and other wastewater discharges.

SPECIAL CONDITION 7. 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.

