

NPDES Permit No. IL0045284  
Notice No. SMT:15011201.smt

Public Notice Beginning Date: **April 17, 2015**

Public Notice Ending Date: **May 18, 2015**

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:

Union Pacific Railroad Company  
1000 4<sup>th</sup> Street  
North Little Rock, Arkansas 72114

Name and Address of Facility:

Dupo Terminal  
3201 Plank Road  
Dupo, Illinois 62239  
(St. Clair 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 indicates 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.

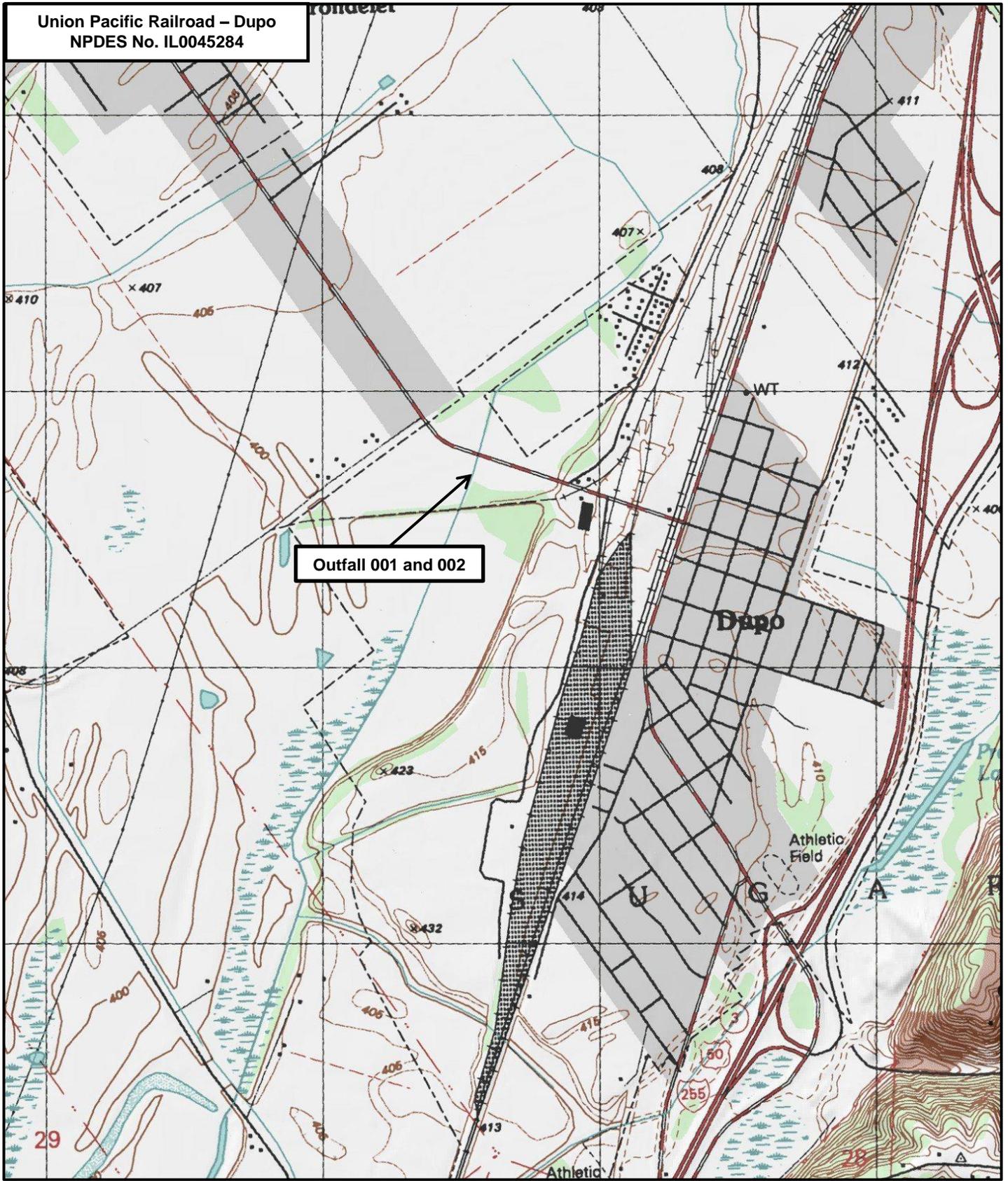
The applicant is engaged in the operation of a railroad yard (SIC 4011). Stormwater runoff from the central yard area is treated prior to discharge. Plant operation results in an intermittent discharge of retention basin discharge of storm water runoff from the central yard area at outfall 001, and an intermittent discharge of emergency retention basin overflow of storm water runoff from the central yard area at outfall 002.



Oil & Grease				15	30	35 IAC 304.124
Arsenic						35 IAC 309.146
Cyanide						35 IAC 309.146
Cyanide (Weak Acid Dissociable)						35 IAC 309.146
Lead						35 IAC 309.146
Total PNA's						35 IAC 309.146

The following explain the conditions of the proposed permit:

Special Conditions include the descriptions of flow reporting, pH limitation, monitoring location, BAT/BCT request for stormwater, DMR submission, and re-opener.



Outfall 001 and 002

Dupo

Athletic Field



NPDES Permit No. IL0045284

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:

Union Pacific Railroad Company  
1000 4<sup>th</sup> Street  
North Little Rock, Arkansas 72114

Dupo Terminal  
3201 Plank Road  
Dupo, Illinois 62239  
(St. Clair County)

Discharge Number and Name:

Receiving Waters:

001 Retention Basin Discharge of Storm Water Runoff from  
Central Yard Area

Palmer Creek

002 Emergency Retention Basin Overflow of Storm Water Runoff  
from Central Yard Area

Palmer 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.

Alan Keller, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

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Effluent Limitations and Monitoring

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		

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(s): 001 Retention Basin Discharge of Storm Water Runoff from Central Yard Area (Intermittent Discharge)

Flow (MGD)	See Special Condition 1				Continuous	Measurement
pH	See Special Condition 2				When Discharge Occurs	Grab
BOD <sub>5</sub>					When Discharge Occurs	Grab
Total Suspended Solids					When Discharge Occurs	Grab
Oil & Grease			15	30	When Discharge Occurs	Grab
Arsenic					Twice per Year**	Grab
Cyanide					Twice per Year**	Grab
Cyanide (Weak Acid Dissociable)					Twice per Year**	Grab
Lead					Twice per Year**	Grab
Total PNA's*					Twice per Year**	Grab

\*Includes the following polynuclear aromatic compounds: acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, 3,4 benzofluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene and pyrene.

\*\* The sample frequency shall be twice per year, and the results of semi-annual sampling analyses shall be submitted along with the June and December monthly Discharge Monitoring Reports (DMR's).

Outfall: 002 Emergency Retention Basin Overflow of Storm Water Runoff from Central Yard Area (Intermittent Discharge)

Flow (MGD)	See Special Condition 1				Measure When Monitoring	Measurement
pH	See Special Condition 2				When Discharge Occurs	Grab

BOD <sub>5</sub>					When Discharge Occurs	Grab
Total Suspended Solids					When Discharge Occurs	Grab
Oil & Grease			15	30	When Discharge Occurs	Grab
Arsenic					Twice per Year**	Grab
Cyanide					Twice per Year**	Grab
Cyanide (Weak Acid Dissociable)					Twice per Year**	Grab
Lead					Twice per Year**	Grab
Total PNA's*					Twice per Year**	Grab

\*Includes the following polynuclear aromatic compounds: acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, 3,4 benzofluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene and pyrene.

\*\* The sample frequency shall be twice per year, and the results of semi-annual sampling analyses shall be submitted along with the June and December monthly Discharge Monitoring Reports (DMR's).

Special Conditions

SPECIAL CONDITION 1. Flow shall be reported as a monthly average and daily maximum.

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 (NetDMR) instead of mailing paper DMRs to the IEPA. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/net-dmr/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 NetDMR 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. For the purpose of this permit, the discharges are 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.

SPECIAL CONDITION 8. In addition to the other requirements of this permit, no effluent shall contain settleable solids, floating debris, visible oil, grease, scum or sludge solids. Color, odor, and turbidity shall be reduced to below obvious levels.

