

NPDES Permit No. IL0070343  
Notice No. BWC:15033101.bwc

Public Notice Beginning Date: **June 16, 2015**

Public Notice Ending Date: **July 16, 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:

Meredosia Terminal, Inc.  
P.O. Box 268  
Meredosia, Illinois 62665

Name and Address of Facility:

Meredosia Terminal, Inc.  
P.O. Box 268  
Meredosia, Illinois 62665  
(Pike 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 Brian W. Cox at 217/782-0610.

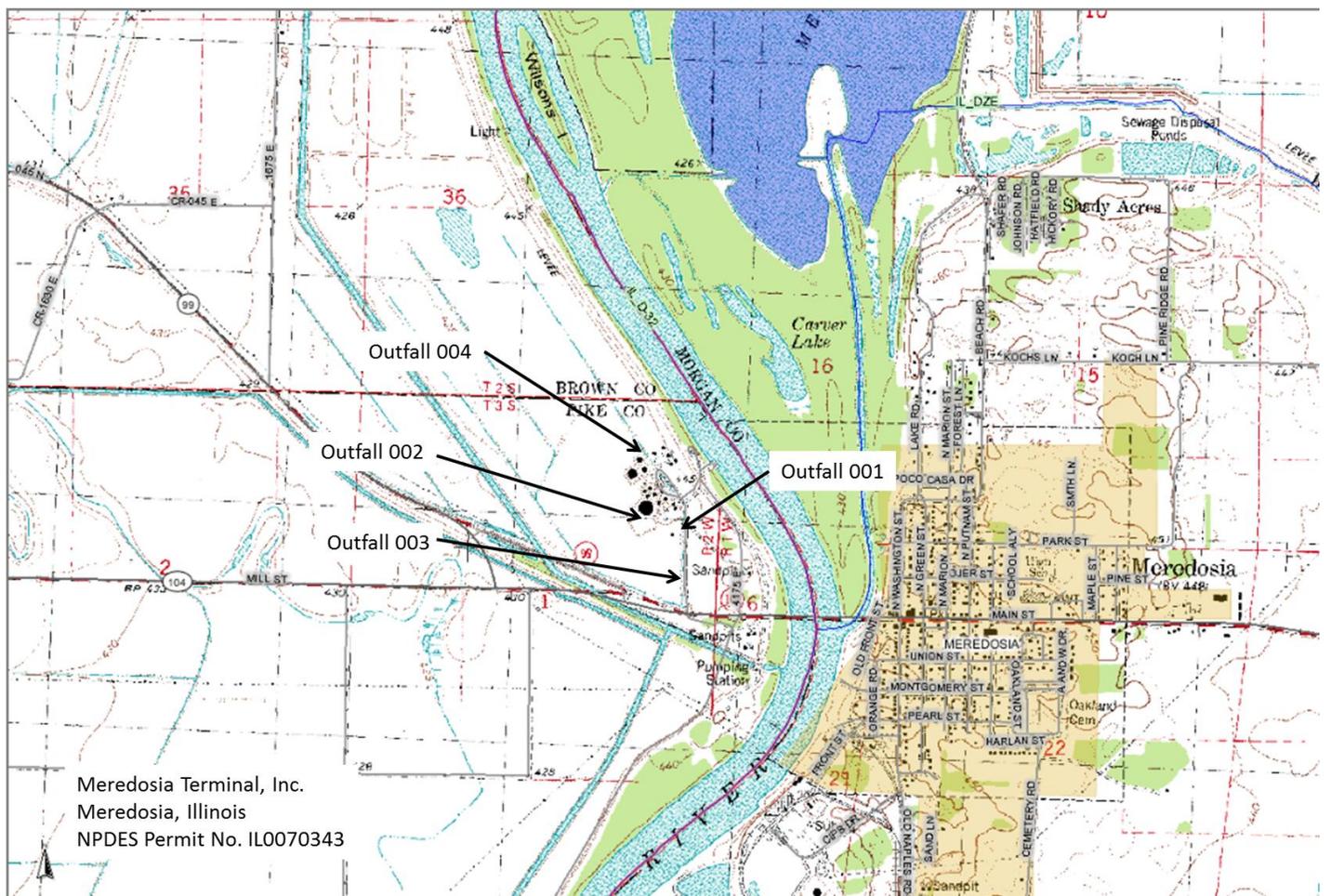
The applicant is engaged in the storage and blending of asphalts and petroleum distillates (SIC 2951 and 5172). Plant operation results in an average discharge of 0.0092 MGD of multi-media filter backwash and well deionization rinse water from outfall 001, 0.075 MGD of non-contact cooling water from outfall 002, and intermittent discharges of storm water runoff from outfalls 003 and 004.

Application is made for existing discharges which are located in Pike 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	Drainage Ditch Tributary to the Illinois River	39° 50' 00"	North	90° 34' 15"	West	General Use	Not Rated
002	Drainage Ditch Tributary to the Illinois River	39° 50' 00"	North	90° 34' 30"	West	General Use	Not Rated
003	Drainage Ditch Tributary to the Illinois River	39° 50' 00"	North	90° 34' 15"	West	General Use	Not Rated
004	Drainage Ditch Tributary to the Illinois River	39° 50' 15"	North	90° 34' 30"	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(s) 001, 002, 003, and 004 is not on the 2014 303(d) list of impaired waters and is not a biologically significant stream on the 2008 Illinois Department of Natural Resources Publication – *Integrating Multiple Taxa in a Biological Stream Rating System*.



The discharges from the facility shall be monitored and limited at all times as follows:

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l			REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM		
<u>Outfall 001:</u>							
Flow (MGD)							
pH				6.5 – 9 s.u.			35 IAC 302.204
Chloride					500		35 IAC 302.208
Total Suspended Solids				15	30		35 IAC 304.124
Iron (Total)				2.0	4.0		35 IAC 304.124
<u>Outfall 002:</u>							
Flow (MGD)							
pH				6.5 – 9 s.u.			35 IAC 302.204
Temperature							35 IAC 302.211
				30-Day Average	7-Day Average	Daily Max	
Ammonia (as N) March – May; September – October June – August November – February				1.3 0.9 1.9	3.3 2.3 4.8	4.7 8.4 4.7	35 IAC 302.212, 35 IAC 355, & 40 CFR 122.44(l)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
<u>Outfalls 003 &amp; 004:</u>						
Flow (MGD)						
pH				6.5 – 9 s.u.		35 IAC 302.204
Total Suspended Solids				15	23	40 CFR 443
Oil & Grease				10	15	40 CFR 443
Chloride					500	35 IAC 302.208
Cyanide					Monitor Only	
Ammonia (as N) March – May; September – October June – August November – February					5.8 12.1 5.4	35 IAC 302.212 & 35 IAC 355

The load limits appearing in the permit will be the more stringent of the State and Federal Guidelines.

The following explain the conditions of the proposed permit:

The special conditions clarify flow, pH, monitoring location, storm water, sampling location, and discharge monitoring report submission.

NPDES Permit No. IL0070343

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:

Meredosia Terminal, Inc.  
P.O. Box 268  
Meredosia, Illinois 62665

Facility Name and Address:

Meredosia Terminal, Inc.  
P.O. Box 268  
Meredosia, Illinois 62665  
(Pike County)

Discharge Number and Name:

001 Multi-Media Filter Backwash and Well Deionization Rinse  
Water

002 Non-Contact Cooling Water

003 Stormwater Runoff

004 Stormwater Runoff

Receiving Waters:

Drainage Ditch Tributary to the Illinois 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.

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

SAK:BWC:15033101.bwc

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 <u>DAF (DMF)</u>		CONCENTRATION <u>LIMITS mg/l</u>			SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM			
<u>Outfall 001 – Multi-Media Filter Backwash and Well Deionization Rinse Water</u> (Average Flow = 0.0092 MGD)							
Flow (MGD)	See Special Condition 1.					1/Month	Measurement
pH	See Special Condition 2.					1/Month	Grab
Chloride				500		1/Month	Grab
Total Suspended Solids			15	30		1/Month	Grab
Iron (Total)			2.0	4.0		1/Month	Grab
<u>Outfall 002 – Non-Contact Cooling Water</u> (Average Flow = 0.07488 MGD)							
Flow (MGD)	See Special Condition 1.					1/Month	Measurement
pH	See Special Condition 2.					1/Month	Grab
Temperature	See Special Condition 3.					1/Month	Grab
			30-Day Average	7-Day Average	Daily Max		
Ammonia (as N) March – May; September – October June – August November – February			1.3 0.9 1.9	3.3 2.3 4.8	4.7 8.4 4.7	1/Month	Composite

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 003 and 004</u> – Stormwater Runoff* (Intermittent Discharge)							
Flow (MGD)	See Special Condition 1.					1/Month	Measurement
pH	See Special Condition 2.					1/Month	Grab
Total Suspended Solids			15	23		1/Month	Grab
Oil & Grease			10	15		1/Month	Grab
Chloride				500		1/Month	Grab
Cyanide					Monitor Only	1/Quarter**	Grab
			30-Day Average	7-Day Average	Daily Max		
Ammonia (as N) March – May; Sep – Oct June – August November – February					5.8 12.1 5.4	1/Month	Composite
* See Special Condition 6. ** See Special Condition 12.							

Effluent Limitations and Monitoring

**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 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.** This facility is not allowed any mixing with the receiving stream in order to meet applicable water quality thermal limitations. Therefore, discharge of wastewater from this facility must meet the following thermal limitations prior to discharge into the receiving stream.

- A. The discharge must not exceed the maximum limits in the following table during more than one percent of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature of the discharge exceed the maximum limits in the following table by more than 1.7°C (3°F).

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
°F	60	60	60	90	90	90	90	90	90	90	90	60
°C	16	16	16	32	32	32	32	32	32	32	32	16

- B. In addition, the discharge shall not cause abnormal temperature changes that may adversely affect aquatic life unless caused by natural conditions.
- C. The discharge shall not cause the maximum temperature rise above natural temperatures to exceed 2.8°C (5°F).

**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 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 7.** Samples taken in compliance with the effluent monitoring requirement shall be taken at a point representative of the discharge but prior to entering into the drainage ditch tributary to Outfall 003. For the purpose of this permit Outfall 003 shall be located at the southern end of the drainage ditch as it turns west adjacent to Illinois Route 104.

**SPECIAL CONDITION 8.** Samples taken in compliance with the effluent monitoring requirement shall be taken at a point representative of the discharge but prior to entering into the drainage ditch tributary to Outfall 004. For the purpose of this permit Outfall 004 shall be located at the drainage ditch along the northeastern corner of the facility at its confluence with the drainage ditch which receives the non-contact cooling water from Outfall 002.

**SPECIAL CONDITION 9.** 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 (NetDMRs) 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>.

Effluent Limitations and Monitoring

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 NetDMRs 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 10. 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 must be reduced to below obvious levels.

SPECIAL CONDITION 11. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 12. Quarterly sampling results shall be submitted to the IEPA with the March, June, September, and December DMRs each year, unless otherwise specified by the IEPA.

SPECIAL CONDITION 13. For the purpose of this permit, the discharge from Outfall 001 is limited to multimedia filter backwash and well deionization rinse water free from additives, process waste, and any other wastewater discharges. In the event the permittee shall require the use of water treatment additives, the permittee shall request a modification of this permit in accordance with the Standard Conditions – Attachment H.

SPECIAL CONDITION 14. For the purpose of this permit, the discharge from Outfall 002 is limited to non-contact cooling water free from additives, process waste, and any other wastewater discharges. In the event the permittee shall require the use of water treatment additives, the permittee shall request a modification of this permit in accordance with the Standard Conditions – Attachment H.