DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permit

Permit #:	**INRM02599**	Permittee:	Norfolk Southern Railway Company Burns Harbor Yard	Facility:	NORFOLK SOUTHERN RAILWAY COMPANY BURNS HARBOR YARD
Major:	No	Permittee Address:	6852 US Hwy 12 Portage, IN 46368	Facility Location:	6852 US HWY 12 PORTAGE, IN 46368
Permitted Feature:	001 External Outfall	Discharge:	**001-RA** Drains to Samuelson Ditch towards the East Arm Little Calumet River		

Report Dates & Status

Monitoring Period:	**From 04/29/23 to 04/28/24**	DMR Due Date:	**05/28/24**	Status:	**NetDMR Validated**

Considerations for Form Completion

STORM WATER GENERAL PORTER COUNTY

Principal Executive Officer

First Name:	Bryan	Title:	Director Environmental Operations	Telephone:	404-582-3595
Last Name:	Naranjo				

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	**pH**	1 - Effluent Gross	0	--	Sample										=	7.0	12 - SU	0	01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	12 - SU		01/YR - Annual	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample										=	18.0	19 - mg/L	0	01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L		01/YR - Annual	GR - GRAB
					Value NODI															
00552	**Oil and grease, hexane extr method**	1 - Effluent Gross	0	--	Sample										=	1.4	19 - mg/L	0	01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L		01/YR - Annual	GR - GRAB
					Value NODI															
00625	**Nitrogen, Kjeldahl, total [as N]**	1 - Effluent Gross	0	--	Sample										=	0.62	19 - mg/L	0	01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L		01/YR - Annual	GR - GRAB
					Value NODI															
00630	**Nitrite + Nitrate total [as N]**	1 - Effluent Gross	0	--	Sample										=	1.07	19 - mg/L	0	01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L		01/YR - Annual	GR - GRAB
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Sample										=	0.11	19 - mg/L	0	01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L		01/YR - Annual	GR - GRAB
					Value NODI															
80082	**BOD, carbonaceous [5 day, 20 C]**	1 - Effluent Gross	0	--	Sample										<	2.0	19 - mg/L	0	01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L		01/YR - Annual	GR - GRAB
					Value NODI															
81017	**Chemical Oxygen Demand [COD]**	1 - Effluent Gross	0	--	Sample										=	33.0	19 - mg/L	0	01/YR - Annual	GR - GRAB
					Permit Req.											Req Mon MAXIMUM	19 - mg/L		01/YR - Annual	GR - GRAB
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
INRM02599_001_Labs_2024_003.pdf	pdf	919777.0

Report Last Saved By

Norfolk Southern Railway Company Burns Harbor Yard

User:	Robert.Scoble@NSCorp.com
Name:	Robert Scoble
E-Mail:	robert.scoble@nscorp.com
Date/Time:	2024-05-20 08:48 (Time Zone: -04:00)

Report Last Signed By

User:	bryan.naranjo@nscorp.com
Name:	Bryan Naranjo
E-Mail:	bryan.naranjo@nscorp.com
Date/Time:	2024-05-20 13:24 (Time Zone: -04:00)

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Josh Lindley
Specialized Professional Services, Inc.
312 Bank Street
Lodi, Ohio 44254

Generated 4/1/2024 7:23:02 AM

JOB DESCRIPTION

Indiana Inspections

JOB NUMBER

500-247666-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

my EOL

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization

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Authorized for release by
Michael DelMonico, Project Manager I
Michael.DelMonico@et.eurofinsus.com
(330)497-9396

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Job Narrative
500-247666-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The sample was received on 3/18/2024 4:55 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C.

Receipt Exceptions
General Chemistry
Method 4500_P_E: The method blank for preparation batch 500-759335 and analytical batch 500-759573 contained Phosphorus as P above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 5210B: One or more of the glucose-glutamic acid standards (LCS) replicates for BOD recovered outside the recovery limits specified in the method in batch 759666; however, the average recovery is within control limits. The method requirement is for the average recovery of the LCS replicates to meet criteria; therefore, no further action is required. Data has been flagged to indicate individual LCS recoveries that did not meet criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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g U R	g JU JR
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x M¤	x JCk
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M mJSl l 6c pl i ae@6	M□□J □□□□□Jm□□ □□□	E□□□Q3.	_ □□□□	nSi h□h □□□	

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Chain of Custody Record

546085

eurofins | Environment Testing TestAmerica

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact			
Company Name: Specialized Professional Services Inc	Project Manager: DelMonico, Michael	Site Contact: 734 837 0294	Date: 3/18/24
Address: 312 Park St	Tel/Email: Michael.DelMonico@Eurofin	Lab Contact:	Carrier: SPSI WCSA
City/State/Zip: Lodi OH 44254			
Phone: 724 579 8700			
Fax: lindley@callspsi.com			
Project Name: Indiana Sampling			
Site: BURNS Harbor			
PO#: 24011530			

Analysis Turnaround Time

☐ CALENDAR DAYS ☐ WORKING DAYS

TAT if different from Below _____

☐ 2 weeks
☒ 1 week
☐ 2 days
☐ 1 day

COC No: ___ of ___ COCs

Sampler

For Lab Use Only:
Walk-in Client
Lab Sampling

Job / SDG No: 500-247666

500-247666 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	1,4-Dioxane in Water (Q)	SM22 10B calc - LBOD	425.2 P.E. - Total PHCs	1254 D - TSS	300 - Nitrate, nitrite	5220 D - COD	351.2 - TKN	Sample Specific Notes
outfall #1 / 1 of 4	3/18	15:31	G	water	2			X							PH 7
outfall #1 / 2 of 4	3/18	15:33	G	water	1				X						
outfall #1 / 3 of 4	3/18	15:39	G	water	1					X			X	X	
outfall #1 / 4 of 4	3/18	15:41	G	water	1						X	X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd 1.3 Corr'd 1.8 | Therm ID No _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Jacob Schente	SPSI	3/18/1655	[signature]		3/18/24 1655
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time

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