

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit	
Permit #: IN000281	Permittee: U.S. STEEL CORP - GARY WORKS
Major: Yes	Permittee Address: 1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402
Permitted Feature: 600 External Outfall	Discharge: 600-A TERMINAL LAGOONS COMBINED TOTAL
Facility: UNITED STATES STEEL CORP - GARY WORKS FACILITY	Facility Location: 1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402

Report Dates & Status	
Monitoring Period: From 11/01/23 to 11/30/23	DMR Due Date: 12/28/23
Status: NetDMR Validated	

Considerations for Form Completion
COMBINED TOTAL DAILY DISCHARGE OF OUTFALLS 028 AND 030 INDUSTRIAL MAJOR GARY / LAKE COUNTY

Principal Executive Officer	
First Name: Alexis	Title: Senior Director Environmental
Last Name: Piscatelli	Telephone: 219-888-5280

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00552	Oil and grease, hexane extr method	R - See Comments	0	--	Sample	<	320.0	=	477.0	26 - lb/d		<	1.8	=	2.4	19 - mg/L	0	05/WK - Five Per Week	3R - 3GR24H
					Permit Req.	<=	1274.0 MO AVG	<=	2807.0 DAILY MX	26 - lb/d			Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		05/WK - Five Per Week	3R - 3GR24H
					Value NODI														
01094	Zinc, total recoverable	R - See Comments	0	--	Sample	=	20.2	=	22.7	26 - lb/d		=	106.0	=	119.0	28 - ug/L	0	01/07 - Weekly	24 - COMP24
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	26 - lb/d			Req Mon MO AVG		Req Mon DAILY MX	28 - ug/L		01/07 - Weekly	24 - COMP24
					Value NODI														
01114	Lead, total recoverable	R - See Comments	0	--	Sample	=	0.45	=	0.61	26 - lb/d		=	2.5	=	3.4	28 - ug/L	0	02/07 - Twice Every Week	24 - COMP24
					Permit Req.	<=	4.5 MO AVG	<=	10.0 DAILY MX	26 - lb/d		<=	19.0 MO AVG	<=	43.0 DAILY MX	28 - ug/L		02/07 - Twice Every Week	24 - COMP24
					Value NODI														
50050	Flow, in conduit or thru treatment plant	R - See Comments	0	--	Sample	=	21.9	=	24.95	03 - MGD							0	01/01 - Daily	CN - CONTIN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								01/01 - Daily	CN - CONTIN
					Value NODI														
50060	Chlorine, total residual	R - See Comments	0	--	Sample	=	0.0	<	4.2	26 - lb/d		=	0.0	<	20.0	28 - ug/L	0	01/01 - Daily	GR - GRAB
					Permit Req.	<=	1.9 MO AVG	<	14.1 DAILY MX	26 - lb/d		<=	8.0 MO AVG	<=	60.0 DAILY MX	28 - ug/L		01/01 - Daily	GR - GRAB
					Value NODI														
71901	Mercury, total recoverable	R - See Comments	2	--	Sample												0	01/60 - Once Every 2 Months	GR - GRAB
					Permit Req.								Req Mon ANNL MAX		Req Mon DAILY MX	3M - ng/L			
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				

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
IN0000281_600A_MMR_2023_11.pdf	pdf	333481.0

Report Last Saved By

U.S. STEEL CORP - GARY WORKS

User: amanda.grzybowski@alsglobal.com
Name: Amanda Grzybowski
E-Mail: amanda.grzybowski@alsglobal.com
Date/Time: 2024-01-31 14:15 (Time Zone: -05:00)

Report Last Signed By

User: JEHANNING
Name: Joseph Hanning
E-Mail: jehanning@uss.com
Date/Time: 2024-06-26 16:43 (Time Zone: -04:00)

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Permit			
Permit #:	IN0000281	Permittee:	U.S. STEEL CORP - GARY WORKS
Major:	Yes	Permittee Address:	1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402
Permitted Feature:	605 Internal Outfall	Discharge:	605-A 84"HSM FILTRATION PLANT
Facility:		Facility Location:	UNITED STATES STEEL CORP - GARY WORKS FACILITY 1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402

Report Dates & Status			
Monitoring Period:	From 11/01/23 to 11/30/23	DMR Due Date:	12/28/23
Status:	NetDMR Validated		

Considerations for Form Completion
INTERNAL OUTFALL OF 034A INDUSTRIAL MAJOR GARY / LAKE COUNTY

Principal Executive Officer			
First Name:	Alexis	Title:	Senior Director Environmental
Last Name:	Piscatelli	Telephone:	219-888-5280

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units				
00530	Solids, total suspended	R - See Comments	0	--	Sample	=	6.11	=	21.8	26 - lb/d			=	1.4	=	1.9	19 - mg/L	0	02/07 - Twice Every Week	24 - COMP24			
					Permit Req.	<=	725.0 MO AVG	<=	2175.0 DAILY MX	26 - lb/d						Req Mon MO AVG			Req Mon DAILY MX	19 - mg/L	02/07 - Twice Every Week	24 - COMP24	
					Value NODI																		
00552	Oil and grease, hexane extr method	R - See Comments	0	--	Sample	<	5.3	=	21.0	26 - lb/d			<	2.0	=	3.3	19 - mg/L	0	05/WK - Five Per Week	3R - 3GR24H			
					Permit Req.		Req Mon MO AVG	<=	1450.0 DAILY MX	26 - lb/d						Req Mon MO AVG			Req Mon DAILY MX	19 - mg/L	05/WK - Five Per Week	3R - 3GR24H	
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	R - See Comments	0	--	Sample	=	0.33	=	1.372	03 - MGD								0	01/01 - Daily	TM - TOTALZ			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD												01/01 - Daily	TM - TOTALZ
					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
IN0000281_605A_MMR_2023_11.pdf	pdf	264202.0

Report Last Saved By
U.S. STEEL CORP - GARY WORKS

User:	amanda.grzybowski@alsglobal.com
Name:	Amanda Grzybowski
E-Mail:	amanda.grzybowski@alsglobal.com
Date/Time:	2024-01-31 14:16 (Time Zone: -05:00)

Report Last Signed By
User: JEHANNING

Name: Joseph Hanning
E-Mail: jehanning@uss.com
Date/Time: 2024-06-26 16:43 (Time Zone: -04:00)

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Permit			
Permit #:	IN0000281	Permittee:	U.S. STEEL CORP - GARY WORKS
Major:	Yes	Permittee Address:	1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402
Permitted Feature:	606 Internal Outfall	Discharge:	606-A STORMWATER RUNOFF
Facility:		Facility Location:	UNITED STATES STEEL CORP - GARY WORKS FACILITY 1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402

Report Dates & Status			
Monitoring Period:	From 11/01/23 to 11/30/23	DMR Due Date:	12/28/23
Status:	NetDMR Validated		

Considerations for Form Completion
INTERNAL OUTFALL OF 034A INDUSTRIAL MAJOR GARY / LAKE COUNTY

Principal Executive Officer			
First Name:	Alexis	Title:	Senior Director Environmental
Last Name:	Piscatelli	Telephone:	219-888-5280

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00552	Oil and grease, hexane extr method	R - See Comments	0	--	Sample						=	2.6	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.								Req Mon DAILY MX				19 - mg/L
					Value NODI												
01094	Zinc, total recoverable	R - See Comments	0	--	Sample						<	1.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24	
					Permit Req.								Req Mon DAILY MX				28 - ug/L
					Value NODI												
01114	Lead, total recoverable	R - See Comments	0	--	Sample						=	0.18	28 - ug/L	0	01/30 - Monthly	24 - COMP24	
					Permit Req.								Req Mon DAILY MX				28 - ug/L
					Value NODI												
01118	Chromium, total recoverable	R - See Comments	0	--	Sample						=	0.67	28 - ug/L	0	01/30 - Monthly	24 - COMP24	
					Permit Req.								Req Mon DAILY MX				28 - ug/L
					Value NODI												
32730	Phenolics, total recoverable	R - See Comments	0	--	Sample						<	2.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24	
					Permit Req.								Req Mon DAILY MX				28 - ug/L
					Value NODI												
50050	Flow, in conduit or thru treatment plant	R - See Comments	0	--	Sample	=	1.88	=	6.02	03 - MGD				0	01/01 - Daily	TM - TOTALZ	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD							
					Value NODI												

Submission Note
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Edit Check Errors
No errors.

Comments

Attachments		
Name	Type	Size
IN0000281_606A_MMR_2023_11.pdf	pdf	266057.0

Report Last Saved By

U.S. STEEL CORP - GARY WORKS

User: amanda.grzybowski@alsglobal.com
Name: Amanda Grzybowski
E-Mail: amanda.grzybowski@alsglobal.com
Date/Time: 2024-01-31 14:17 (Time Zone: -05:00)

Report Last Signed By

User: JEHANNING
Name: Joseph Hanning
E-Mail: jehanning@uss.com
Date/Time: 2024-06-26 16:43 (Time Zone: -04:00)

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Permit			
Permit #:	IN0000281	Permittee:	U.S. STEEL CORP - GARY WORKS
Major:	Yes	Permittee Address:	1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402
Permitted Feature:	608 Internal Outfall	Discharge:	608-A CHROMIUM WASTEWATER TREATMENT PLANT
Facility:		Facility Location:	UNITED STATES STEEL CORP - GARY WORKS FACILITY 1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402

Report Dates & Status			
Monitoring Period:	From 11/01/23 to 11/30/23	DMR Due Date:	12/28/23
Status:	NetDMR Validated		

Considerations for Form Completion
INTERNAL OUTFALL OF 034A INDUSTRIAL MAJOR GARY / LAKE COUNTY

Principal Executive Officer			
First Name:	Alexis	Title:	Senior Director Environmental
Last Name:	Piscatelli	Telephone:	219-888-5280

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 2	Qualifier 3	Value 3	Units				
00530	Solids, total suspended	R - See Comments	0	--	Sample	=	0.59	=	1.15	26 - lb/d		=	9.3	=	13.0	0	02/07 - Twice Every Week	24 - COMP24
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX		Req Mon MO AVG		Req Mon DAILY MX					
					Value NODI													
00552	Oil and grease, hexane extr method	R - See Comments	0	--	Sample	<	0.11	=	0.16	26 - lb/d		<	1.6	=	2.3	0	05/WK - Five Per Week	3R - 3GR24H
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX		Req Mon MO AVG		Req Mon DAILY MX					
					Value NODI													
01079	Silver total recoverable	R - See Comments	0	--	Sample	<	0.0000001	<	0.0000002	26 - lb/d		<	0.002	<	0.002	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX		Req Mon MO AVG		Req Mon DAILY MX					
					Value NODI													
01094	Zinc, total recoverable	R - See Comments	0	--	Sample	=	0.02	=	0.04	26 - lb/d		=	368.0	=	498.0	0	02/07 - Twice Every Week	24 - COMP24
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX		Req Mon MO AVG		Req Mon DAILY MX					
					Value NODI													
01114	Lead, total recoverable	R - See Comments	0	--	Sample	=	0.00005	=	0.00007	26 - lb/d		=	0.73	=	0.8	0	02/07 - Twice Every Week	24 - COMP24
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX		Req Mon MO AVG		Req Mon DAILY MX					
					Value NODI													
01118	Chromium, total recoverable	R - See Comments	0	--	Sample	=	0.01	=	0.0203	26 - lb/d		=	143.0	=	223.0	0	02/07 - Twice Every Week	24 - COMP24
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX		Req Mon MO AVG		Req Mon DAILY MX					
					Value NODI													
					Sample	=	0.00019	=	0.00033	26 - lb/d		=	2.9	=	3.5		02/07 - Twice Every Week	24 - COMP24

01119	Copper, total recoverable	R - See Comments	0	--	Permit Req.	Req Mon MO AVG	Req Mon DAILY MX	26 - lb/d			Req Mon MO AVG	Req Mon DAILY MX	28 - ug/L	0	02/07 - Twice Every Week	24 - COMP24
01220	Chromium, hexavalent dissolved [as Cr]	R - See Comments	0	--	Sample											
					Permit Req.	Req Mon MO AVG	Req Mon DAILY MX	26 - lb/d		Req Mon MO AVG	Req Mon DAILY MX	28 - ug/L	01/07 - Weekly	GR - GRAB		
34475	Tetrachloroethylene	R - See Comments	0	--	Value NODI	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period				
					Sample		<	0.00004	26 - lb/d		<	0.39	28 - ug/L	02/07 - Twice Every Week	G2 - GRAB-2	
34696	Naphthalene	R - See Comments	0	--	Permit Req.	Req Mon DAILY MX	26 - lb/d				Req Mon DAILY MX	28 - ug/L	0	02/07 - Twice Every Week	24 - COMP24	
					Value NODI											
50050	Flow, in conduit or thru treatment plant	R - See Comments	0	--	Sample	=	0.0088	=	0.0122	03 - MGD					01/01 - Daily	CN - CONTIN
					Permit Req.	Req Mon MO AVG	Req Mon DAILY MX	03 - MGD					0	01/01 - Daily	CN - CONTIN	
78224	Total toxic organics [TTO] [40 CFR433]	R - See Comments	0	--	Value NODI											
					Permit Req.			Req Mon DAILY MX	26 - lb/d				Req Mon DAILY MX	28 - ug/L	01/30 - Monthly	24 - COMP24
					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
IN0000281_608A_TTOCert_2023_11.pdf	pdf	41415.0
IN0000281_608A_MMR_2023_11.pdf	pdf	295214.0

Report Last Saved By

U.S. STEEL CORP - GARY WORKS

User: amanda.grzybowski@alsglobal.com
 Name: Amanda Grzybowski
 E-Mail: amanda.grzybowski@alsglobal.com
 Date/Time: 2024-01-31 14:18 (Time Zone: -05:00)

Report Last Signed By

User: JEHANNING
 Name: Joseph Hanning
 E-Mail: jehanning@uss.com
 Date/Time: 2024-06-26 16:43 (Time Zone: -04:00)



Indiana Discharge Monitoring Report Form 30530
MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

FACILITY NAME AND ADDRESS:
 U.S. Steel Corporation
 One North Broadway
 Mail Sta. 70
 Gary, IN 46402

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH.
 THIS REPORT MUST BE POSTMARKED NO LATER THAN THE
 28TH OF THE FOLLOWING MONTH.
 Mail To: Indiana Dept. of Environmental Management
 Office of Water Quality / Data Management Section
 P.O. Box 6015
 Indianapolis, Indiana 46206-6015

I N O O O O 2 8 1
 PERMIT NUMBER

6 0 0
 OUTFALL NO.

1 1 2 3
 MO. YR.

EFFLUENT CHARACTERISTICS		FLOW	TSS		Oil & Grease		Lead, Total	
EFFLUENT PARAMETER NUMBER		Q50050	Q00530	C00530	Q00552	C00552	Q01051	C01051
SAMPLE TYPE	Permit Condition	RCOTOT	Comp	Comp	Grab-3	Grab-3	Comp	Comp
	Monitored	RCOTOT	Comp	Comp	Grab-3	Grab-3	Comp	Comp
FREQUENCY	Permit Condition	Daily	5/7	5/7	5/7	5/7	2/7	2/7
	Monitored	Daily	5/7	5/7	5/7	5/7	2/7	2/7
EFFLUENT LIMITATIONS	Permit Minimum	*****	*****	*****	*****	*****	*****	*****
	Permit Average	Report	Report	Report	1274	Report	4.5	19
	Permit Maximum	Report	Report	Report	2807	Report	10	43
UNITS =		MGD	LB/DAY	MG/L	LB/DAY	MG/L	LB/DAY	UG/L
	1	22.40	1625	8.7	< 261.7	< 1.4	0.61	3.3
	2	21.39	1260	7.1	378.2	2.1		
	3	22.80	904	4.8	355.1	1.9		
	4	21.44						
	5	22.50						
	6	21.71	1204	6.7	< 372.1	< 2.1	0.34	1.9
	7	22.44	1303	7.0	< 361.6	< 1.9		
	8	22.24	990	5.3	< 316.3	< 1.7	0.38	2.1
	9	23.48	1249	6.4	308.5	1.6		
	10	22.79	678	3.6	394.5	2.1		
	11	22.87						
	12	21.97						
	13	22.24	851	4.6	366.7	2.0	0.43	2.3
	14	16.95	717	5.1	320.7	2.3		
	15	12.14	655	6.5	< 157.3	< 1.6	0.34	3.4
	16	13.30	714	6.4	< 166.5	< 1.5		
	17	13.91	506	4.4	< 168.8	< 1.5		
	18	22.18						
	19	23.21						
	20	22.91	978	5.1	< 283	< 1.5	0.40	2.1
	21	24.95	1296	6.2	389.6	1.9		
	22	24.22	917	4.5	< 335.9	< 1.7	0.44	2.2
	23	24.02	987	4.9	476.7	2.4		
	24	24.69	920	4.5	< 399.7	< 1.9		
	25	24.36						
	26	23.89						
	27	24.46	821	4.0	< 283	< 1.4	0.53	2.6
	28	23.79	1284	6.5	< 301	< 1.5		
	29	24.11	1211	6.0	< 351.4	< 1.7	0.52	2.6
	30	23.63	1112	5.6	< 294.5	< 1.5		
MONTHLY AVERAGE		21.90	1008	5.6	< 320.1	< 1.8	0.45	2.5
HIGHEST VALUE		24.95	1625	8.7	476.7	2.4	0.61	3.4
LOWEST VALUE		12.14	506	3.6	< 157.3	< 1.4	0.34	1.9
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0	0	0	0
TOTAL FLOW		656.96						

Highlighted daily values are <LOQ & >= LOD, and are not quantifiable.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Brandon Miller
 (SIGNATURE OF CERTIFIED OPERATOR)
 Brandon Miller
 219-888-3369
 PHONE NUMBER

12/28/2023
 DATE
 WW020987
 CERTIFICATION NO.

Alexis Piscatelli
 (SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)
 Joseph E. Hanning, Manager Environmental Control

12/28/2023
 DATE



Indiana Discharge Monitoring Report Form 30530
MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

FACILITY NAME AND ADDRESS:
 U.S. Steel Corporation
 One North Broadway
 Mail Sta. 70
 Gary, IN 46402

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH.
 THIS REPORT MUST BE POSTMARKED NO LATER THAN THE
 28TH OF THE FOLLOWING MONTH.

Mail To: Indiana Dept. of Environmental Management
 Office of Water Quality / Data Management Section
 P.O. Box 6015
 Indianapolis, Indiana 46206-6015

I N 0 0 0 0 2 8 1
 PERMIT NUMBER

6 0 0
 OUTFALL NO.

1 1 2 3
 MO. YR.

EFFLUENT CHARACTERISTICS		Zinc, Total		Mercury, Total		Chlorine, Total Residual	
EFFLUENT PARAMETER NUMBER		Q01094	C01094	Q71901	C71901	Q50060	C50060
SAMPLE TYPE	Permit Condition	Comp	Comp	Grab	Grab	Grab	Grab
	Monitored	Comp	Comp	Grab	Grab	Grab	Grab
FREQUENCY	Permit Condition	1/7	1/7	Bi-monthly	Bi-monthly	Daily	Daily
	Monitored	1/7	1/7	Bi-monthly	Bi-monthly	Daily	Daily
EFFLUENT LIMITATIONS	Permit Minimum	*****	*****	*****	*****	*****	*****
	Permit Average	38	160	Report	Report	1.9	8
	Permit Maximum	75	320	Report	Report	14.1	60
UNITS		LB/DAY	UG/L	LB/DAY	NG/L	Lbs/Day	ug/L
1						< 3.74	< 20
2						< 3.57	< 20
3						< 3.80	< 20
4						< 3.58	< 20
5						< 3.76	< 20
6	18.13	100				< 3.62	< 20
7						< 3.75	< 20
8						< 3.71	< 20
9						< 3.92	< 20
10						< 3.80	< 20
11						< 3.82	< 20
12						< 3.67	< 20
13	20.29	109				< 3.71	< 20
14						< 2.83	< 20
15						< 2.03	< 20
16						< 2.22	< 20
17						< 2.32	< 20
18						< 3.70	< 20
19						< 3.87	< 20
20	22.67	119				< 3.82	< 20
21						< 4.16	< 20
22						< 4.04	< 20
23						< 4.01	< 20
24						< 4.12	< 20
25						< 4.07	< 20
26						< 3.99	< 20
27	19.65	96				< 4.08	< 20
28						< 3.97	< 20
29						< 4.02	< 20
30						< 3.94	< 20
MONTHLY AVERAGE		20.18	106	NA	NA	0.00	0.0
HIGHEST VALUE		22.67	119	NA	NA	< 4.16	< 20
LOWEST VALUE		18.13	96	NA	NA	< 2.03	< 20
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0		

Highlighted daily values are <LOQ & >= LOD, and are not quantifiable.

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 Indianapolis, Indiana 46206-6015

I	N	0	0	0	0	2	8	1
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PERMIT NUMBER

6	0	5
---	---	---

OUTFALL NO.

1	1	2	3
---	---	---	---

MO. YR.

EFFLUENT CHARACTERISTICS		FLOW	Oil & Grease		TSS			
EFFLUENT PARAMETER NUMBER		Q50050	Q00552	C00552	Q00530	C00530		
SAMPLE TYPE	Permit Condition	RCOTOT	Grab-3	Grab-3	Comp	Comp		
	Monitored	RCOTOT	Grab-3	Grab-3	Comp	Comp		
FREQUENCY	Permit Condition	Daily	5/7	5/7	2/7	2/7		
	Monitored	Daily	5/7	5/7	2/7	2/7		
EFFLUENT LIMITATIONS	Permit Minimum	*****	*****	*****	*****	*****		
	Permit Average	Report	Report	*****	725	Report		
	Permit Maximum	Report	1450	Report	2175	Report		
UNITS =		MGD	LB/DAY	MG/L	LB/DAY	MG/L		
1	0.848		16.3	2.3				
2	0.277	<	3.1	<	3.2	1.4		
3	0.016		0.4	3.3				
4	0.024	<	0.5	<	2.6			
5	0.218		4.1	2.2				
6	0.241		5.4	2.7				
7	1.117	<	19.0	<	12.1	1.3		
8	0.019	<	0.2	<	1.3			
9	0.056	<	0.8	<	1.8	1.8		
10	0.020	<	0.2	<	1.3			
11	0.092	<	1.4	<	1.8			
12	0.013		0.2	1.6				
13	0.191		2.3	1.5				
14	1.372		21.4	1.9	21.8	1.9		
15	0.110	<	1.3	<	1.5			
16	0.017		0.4	2.5	0.2	1.5		
17	0.021		0.4	2.2				
18	0.000			<	1.9			
19	0.000			1.8				
20	0.360		4.9	1.6				
21	0.862		17.5	2.4	5.0	0.7		
22	0.503		9.0	2.1				
23	0.387	<	5.7	<	1.8	1.3		
24	0.000			2.8				
25	0.000			2.6				
26	0.000			2.6				
27	0.709	<	8.5	<	1.4			
28	0.741	<	8.0	<	1.3	7.4	1.2	
29	0.022	<	0.3	<	1.5			
30	0.023	<	0.3	<	1.8	0.2	1.1	
MONTHLY AVERAGE		0.330	<	5.3	<	2.0	6.1	1.4
HIGHEST VALUE		1.372		21.4		3.3	21.8	1.9
LOWEST VALUE		0.000	<	0.2	<	1.3	0.2	0.70
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0	0	0	

Highlighted daily values are <LOQ & >= LOD, and are not quantifiable.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

 Brandon Miller
 (SIGNATURE OF CERTIFIED OPERATOR)
 Brandon Miller
 219-888-3369

 PHONE NUMBER

 12/28/2023

 DATE

 WW020987

 CERTIFICATION NO.

 Alexis Piscatelli
 (SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)
 Joseph E. Hanning, Manager Environmental Control

 12/28/2023

 DATE
 Page 55 of 84



**Indiana Discharge Monitoring Report Form 30530
MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS**

Revision Pending Approval - September 2003

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 P.O. Box 6015
 Indianapolis, Indiana 46206-6015

I N 0 0 0 0 2 8 1
 PERMIT NUMBER

6 0 6
 OUTFALL NO.

1 1 2 3
 MO. YR.

EFFLUENT CHARACTERISTICS		FLOW	Oil & Grease	Lead, Total	Zinc, Total	Chromium, Total	Phenolics, Total		
EFFLUENT PARAMETER NUMBER		Q50050	C00552	C01051	C01094	C01118	C00680		
SAMPLE TYPE	Permit Condition	RCOTOT	Grab	Comp	Comp	Comp	Comp		
	Monitored	RCOTOT	Grab	Comp	Comp	Comp	Comp		
FREQUENCY	Permit Condition	Daily	1/7	1/ 30	1/ 30	1/ 30	1/ 30		
	Monitored	Daily	1/7	1/ 30	1/ 30	1/ 30	1/ 30		
EFFLUENT LIMITATIONS	Permit Minimum	*****	*****	*****	*****	*****	*****		
	Permit Average	Report	*****	*****	*****	*****	*****		
	Permit Maximum	Report	Report	Report	Report	Report	Report		
UNITS =		MGD	MG/L	UG/L	UG/L	UG/L	UG/L		
1	2.51								
2	0.08								
3	0.42								
4	0.53								
5	0.67								
6	0.00								
7	1.57	2.5	0.18	< 1.0	0.67	< 2.0			
8	0.26								
9	0.49								
10	0.46								
11	0.94								
12	0.69								
13	2.79								
14	6.02	< 1.3							
15	0.67								
16	1.93								
17	1.89								
18	2.05								
19	2.89								
20	1.26								
21	5.41	2.6							
22	1.53								
23	2.94								
24	3.48								
25	4.28								
26	2.92								
27	0.15								
28	0.66	< 1.3							
29	2.33								
30	2.77								
MONTHLY AVERAGE		1.88	< 1.9	0.18	< 1.0	0.67	< 2.0		
HIGHEST VALUE		6.02	2.6	0.18	< 1.0	0.67	< 2.0		
LOWEST VALUE		0.00	< 1.3	0.18	< 1.0	0.67	< 2.0		
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0	0	0		

Highlighted daily values are <LOQ & >= LOD, and are not quantifiable.

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_____ Brandon Miller (SIGNATURE OF CERTIFIED OPERATOR)	_____ 12/28/2023 DATE
_____ Brandon Miller 219-888-3369 PHONE NUMBER	_____ WW020987 CERTIFICATION NO.
_____ Alexis Piscatelli (SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)	_____ 12/28/2023 DATE
Joseph E. Hanning, Manager Environmental Control	Page 56 of 84



Indiana Discharge Monitoring Report Form 30530
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 P.O. Box 6015
 Indianapolis, Indiana 46206-6015

1 N 0 0 0 0 2 8 1
 PERMIT NUMBER

6 0 8
 OUTFALL NO.

1 1 2 3
 MO. YR.

EFFLUENT CHARACTERISTICS		FLOW	Oil & Grease		TSS		Chromium, Total	
EFFLUENT PARAMETER NUMBER		Q50050	Q00552	C00552	Q00530	C00530	Q01118	C01118
SAMPLE TYPE	Permit Condition	RCOTOT	Grab-3	Grab-3	Comp	Comp	Comp	Comp
	Monitored	RCOTOT	Grab-3	Grab-3	Comp	Comp	Comp	Comp
FREQUENCY	Permit Condition	Daily	5/7	5/7	2/7	2/7	2/7	2/7
	Monitored	Daily	5/7	5/7	2/7	2/7	2/7	2/7
EFFLUENT LIMITATIONS	Permit Minimum	*****	*****	*****	*****	*****	*****	*****
	Permit Average	Report	Report	Report	Report	Report	Report	Report
	Permit Maximum	Report	Report	Report	Report	Report	Report	Report
UNITS =		MGD	LB/DAY	MG/L	LB/DAY	MG/L	LB/DAY	UG/L
1	0.0050	< 0.05	< 1.3					
2	0.0073	< 0.08	< 1.3	0.164	2.7	0.0056	92	
3	0.0079	0.14	2.1					
4	0.0099							
5	0.0083							
6	0.0096	< 0.13	< 1.6					
7	0.0003	0.01	2.3	0.030	11	0.0003	101	
8	0.0079	< 0.09	< 1.3					
9	0.0073	0.10	1.6	0.667	11	0.0059	98	
10	0.0066	< 0.07	< 1.3					
11	0.0109							
12	0.0000							
13	0.0096	0.11	1.4					
14	0.0106	< 0.15	< 1.7	1.147	13	0.0100	113	
15	0.0102	< 0.11	< 1.3					
16	0.0050	< 0.08	< 1.8	0.410	9.9	0.0043	105	
17	0.0079	< 0.10	< 1.5					
18	0.0079							
19	0.0102							
20	0.0122	< 0.15	< 1.4					
21	0.0112	< 0.16	< 1.7	0.675	7.2	0.0203	217	
22	0.0102	0.16	1.8					
23	0.0083	< 0.09	< 1.3	0.400	5.8	0.0154	223	
24	0.0102	< 0.14	< 1.6					
25	0.0106							
26	0.0099							
27	0.0102	< 0.14	< 1.6					
28	0.0099	< 0.15	< 1.8	0.910	11	0.0153	185	
29	0.0106	< 0.11	< 1.3					
30	0.0093	< 0.10	< 1.3	0.927	12	0.0120	155	
MONTHLY AVERAGE		0.0088	< 0.11	< 1.6	0.592	9.3	0.0099	143
HIGHEST VALUE		0.0122	0.16	2.3	1.147	13	0.0203	223
LOWEST VALUE		0.0000	< 0.01	< 1.3	0.030	2.7	0.0003	92
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0	0	0	0

Highlighted daily values are <LOQ & >= LOD, and are not quantifiable.

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Brandon Miller
 (SIGNATURE OF CERTIFIED OPERATOR)
 Brandon Miller
 219-888-3369
 PHONE NUMBER

12/28/2023
 DATE
 WW020987
 CERTIFICATION NO.

Alexis Piscatelli
 (SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)
 Joseph E. Hanning, Manager Environmental Control

12/28/2023
 DATE
 Page 51 of 84



**Indiana Discharge Monitoring Report Form 30530
MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS**

Revision Pending Approval - September 2003

FACILITY NAME AND ADDRESS:

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P.O. Box 6015
Indianapolis, Indiana 46206-6015

I	N	0	0	0	0	2	8	1
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PERMIT NUMBER

6	0	8
---	---	---

OUTFALL NO.

1	1	2	3
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MO. YR.

EFFLUENT CHARACTERISTICS		Lead, Total		Zinc, Total		Cyanide, Total		Cadmium, Total	
EFFLUENT PARAMETER NUMBER		Q01051	C01051	Q01094	C01094	Q00720	C00720	Q01113	C01113
SAMPLE TYPE	Permit Condition	Comp	Comp	Comp	Comp	Grab-3	Grab-3	Comp	Comp
	Monitored	Comp	Comp	Comp	Comp	Grab-3	Grab-3	Comp	Comp
FREQUENCY	Permit Condition	2/7	2/7	2/7	2/7	1/90	1/90	1/90	1/90
	Monitored	2/7	2/7	2/7	2/7	1/90	1/90	1/90	1/90
EFFLUENT LIMITATIONS	Permit Minimum	*****	*****	*****	*****	*****	*****	*****	*****
	Permit Average	Report	Report	Report	Report	Report	Report	Report	Report
	Permit Maximum	Report	Report	Report	Report	Report	Report	Report	Report
UNITS		LB/DAY	UG/L	LB/DAY	UG/L	LB/DAY	UG/L	LB/DAY	UG/L
1									
2	0.000041	0.68	0.026	433					
3									
4									
5									
6									
7	0.000002	0.78	0.001	498					
8									
9	0.000046	0.75	0.025	417					
10									
11									
12									
13									
14	0.000071	0.80	0.043	490					
15									
16	0.000032	0.77	0.014	331					
17									
18									
19									
20									
21	0.000068	0.73	0.021	227					
22									
23	0.000050	0.72	0.010	146					
24									
25									
26									
27									
28	0.000054	0.65	0.029	349					
29									
30	0.000054	0.70	0.032	418					
MONTHLY AVERAGE	0.000046	0.73	0.022	368	NA	NA	NA	NA	NA
HIGHEST VALUE	0.000071	0.80	0.043	498	NA	NA	NA	NA	NA
LOWEST VALUE	0.000002	0.65	0.001	146	NA	NA	NA	NA	NA
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED	0	0	0	0	0	0	0	0	0

Highlighted daily values are <LOQ & >= LOD, and are not quantifiable.

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219-888-3369

PHONE NUMBER

12/28/2023

DATE
WW020987

CERTIFICATION NO.

Alexis Piscatelli

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)
Joseph E. Hanning, Manager Environmental Control

12/28/2023

DATE
Page 52 of 84



Indiana Discharge Monitoring Report Form 30530 MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

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I	N	0	0	0	0	2	8	1
PERMIT NUMBER								

6	0	8
OUTFALL NO.		

1	1	2	3
MO.		YR.	

EFFLUENT CHARACTERISTICS		Hexavalent Chromium		Copper, Total		Nickel, Total		Silver, Total	
EFFLUENT PARAMETER NUMBER		Q01220	C01220	Q01119	C01119	Q01074	C01074	Q01079	C01079
SAMPLE TYPE	Permit Condition	Grab	Grab	Comp	Comp	Comp	Comp	Comp	Comp
	Monitored			Comp	Comp	Comp	Comp	Comp	Comp
FREQUENCY	Permit Condition	Suspended	Suspended	2/7	2/7	1/90	1/90	2/30	2/30
	Monitored			2/7	2/7	1/90	1/90	2/30	2/30
EFFLUENT LIMITATIONS	Permit Minimum	*****	*****	*****	*****	*****	*****	*****	*****
	Permit Average	Report	Report	Report	Report	Report	Report	Report	Report
	Permit Maximum	Report	Report	Report	Report	Report	Report	Report	Report
UNITS		LB/DAY	UG/L	LB/DAY	UG/L	LB/DAY	UG/L	LB/DAY	UG/L
	1								
	2			0.00015	2.5				
	3								
	4								
	5								
	6								
	7			0.00001	2.5			< 0.00000001	< 0.0020
	8								
	9			0.00015	2.5				
	10								
	11								
	12								
	13								
	14			0.00026	2.9			< 0.00000018	< 0.0020
	15								
	16			0.00011	2.7				
	17								
	18								
	19								
	20								
	21			0.00033	3.5				
	22								
	23			0.00023	3.3				
	24								
	25								
	26								
	27								
	28			0.00024	2.9				
	29								
	30			0.00025	3.2				
MONTHLY AVERAGE		NA	NA	0.00019	2.9	NA	NA	< 0.00000009	< 0.0020
HIGHEST VALUE		NA	NA	0.00033	3.5	NA	NA	< 0.00000018	< 0.0020
LOWEST VALUE		NA	NA	0.00001	2.5	NA	NA	< 0.00000001	< 0.0020
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0	0	0	0	0

Highlighted daily values are <LOQ & >= LOD, and are not quantifiable.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, fair, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

 Brandon Miller
 (SIGNATURE OF CERTIFIED OPERATOR)
 Brandon Miller
 219-888-3369
 PHONE NUMBER

 12/28/2023
 DATE
 WW020987
 CERTIFICATION NO.

 Alexis Piscatelli
 (SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)
 Joseph E. Hanning, Manager Environmental Control

 12/28/2023
 DATE
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Indiana Discharge Monitoring Report Form 30530 MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

FACILITY NAME AND ADDRESS:
U.S. Steel Corporation
One North Broadway
Mail Sta. 70
Gary, IN 46402

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH.
THIS REPORT MUST BE POSTMARKED NO LATER THAN THE
28TH OF THE FOLLOWING MONTH.

Mail To: Indiana Dept. of Environmental Management
Office of Water Quality / Data Management Section
P.O. Box 6015
Indianapolis, Indiana 46206-6015

I N O O O O 2 8 1
PERMIT NUMBER

6 0 8
OUTFALL NO.

1 1 2 3
MO. YR.

EFFLUENT CHARACTERISTICS		Naphthalene		Tetrachloroethylene		TTO	
EFFLUENT PARAMETER NUMBER		Q34696	C34696	Q34475	C34475	Q78224	
SAMPLE TYPE	Permit Condition	Comp	Comp	Grab-2	Grab-2	Comp	
	Monitored	Comp	Comp	Grab-2	Grab-2		
FREQUENCY	Permit Condition	2/7	2/7	2/7	2/7	1/31	
	Monitored	2/7	2/7	2/7	2/7		
EFFLUENT LIMITATIONS	Permit Minimum	*****	*****	*****	*****	*****	
	Permit Average	*****	*****	*****	*****	*****	
	Permit Maximum	Report	Report	Report	Report	Report	
UNITS		LB/DAY	UG/L	LB/DAY	UG/L	LB/DAY	
	1						
	2	< 0.000035	< 0.58	< 0.000024	< 0.39		
	3						
	4						
	5						
	6						
	7	< 0.000002	< 0.57	< 0.000001	< 0.39		
	8						
	9	< 0.000039	< 0.64	< 0.000024	< 0.39		
	10						
	11						
	12						
	13						
	14	< 0.000051	< 0.58	< 0.000034	< 0.39		
	15						
	16	< 0.000024	< 0.58	< 0.000016	< 0.39		
	17						
	18						
	19						
	20						
	21	< 0.000055	< 0.59	< 0.000037	< 0.39		
	22						
	23	< 0.000040	< 0.58	< 0.000027	< 0.39		
	24						
	25						
	26						
	27						
	28	< 0.000050	< 0.60	< 0.000032	< 0.39		
	29						
	30	< 0.000047	< 0.61	< 0.000030	< 0.39		
MONTHLY AVERAGE		< 0.000038	< 0.59	< 0.000025	< 0.39	NA	
HIGHEST VALUE		< 0.000055	< 0.64	< 0.000037	< 0.39	NA	
LOWEST VALUE		< 0.000002	< 0.57	< 0.000001	< 0.39	NA	
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0	0	

Highlighted daily values are <LOQ >= LOD, and are not quantifiable.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Brandon Miller
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Brandon Miller
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PHONE NUMBER

Alexis Piscatelli
(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)
Joseph E. Hanning, Manager Environmental Control

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WW020987
CERTIFICATION NO.

12/28/2023
DATE
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Based on my inquiry of the persons directly responsible for managing compliance with the permit limitations for TTO, I certify that, to the best of my knowledge and belief, no disposal of concentrated toxic organics into the wastewaters has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the Toxic Organic Pollutant Management Plan submitted to the Compliance Evaluation Section of the Office of Water Quality, as required by this permit.