DMR Copy of Record

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Permit

Major:

Permit #: IN0000281

Permittee:

DMR Due Date:

U.S. STEEL CORP - GARY WORKS

Facility: UNITED STATES STEEL CORP - GARY WORKS FACILITY

Permittee Address: 1 N BROADWAY MS 70 PO BOX 59 Facility Location: 1 N BROADWAY MS 70 PO BOX 59

GARY, IN 46402

GARY, IN 46402

Permitted Feature:

600 External Outfall

Piscatelli

Yes

Discharge: 600

TERMINAL LAGOONS COMBINED TOTAL

Report Dates & Status

Monitoring Period: From 11/01/23 to 11/30/23

12/28/23

Status: N

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

Telephone:

219-888-5280

No Data Indicator (NODI)

Form NODI:

Last Name:

Form I		8.6 %	0																
Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Qualifier		antity or Lo		Units Qualifie	er Value	Qualifier	Quality or Conce r Value 2	Qualifi		Units		Frequency of Analysi	is Sample Type
						1		2	1	1	1	2	1000	3					
					Sample	<	320.0	=	477.0	26 - lb/d		<	1.8	=	2.4	19 - mg/L		05/WK - Five Per Week	3R - 3GR24H
00552	Oil and grease, hexane extr method	R - See Comments	0		Permit Req.	<=	1274.0 MO AV	′G <=	2807.0 DAILY MX	26 - Ib/d			Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	05/WK - Five Per Week	3R - 3GR24H
					Value NODI											3			
					Sample	=	20.2	=	22.7	26 - lb/d		=	106.0	=	119.0	28 - ug/L		01/07 - Weekly	24 - COMP24
01094	Zinc, total recoverable	R - See Comments	0		Permit Req.		Req Mon MO AVG		Req Mon DAILY	26 - Ib/d			Req Mon MO AVG		Req Mon DAILY MX	28 - ug/L	0	01/07 - Weekly	24 - COMP24
		Comments			Value NODI														00 2 :
					Sample	=	0.45	=	0.61	26 - Ib/d	-	=	2.5	=	3.4	28 - ug/L		02/07 - Twice Every Week	24 - COMP24
01114	Lead, total recoverable	R - See Comments	0		Permit Req.	<=	4.5 MO AVG	<=	10.0 DAILY MX	26 - Ib/d		<=	19.0 MO AVG	<=	43.0 DAILY MX	28 - ug/L	0	02/07 - Twice Every Week	24 - COMP24
		Commonto			Value NODI											- 3			
					Sample	=	21.9	=	24.95	03 - MGD								01/01 - Daily	CN - CONTIN
50050	Flow, in conduit or thru treatment plant	R - See Comments	0		Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD							0	01/01 - Daily	CN - CONTIN
					Value NODI														
					Sample	=	0.0	<	4.2	26 - lb/d		=	0.0	<	20.0	28 - ug/L		01/01 - Daily	GR - GRA
50060	Chlorine, total residual	R - See Comments	0		Permit Req.	<=	1.9 MO AVG	<	14.1 DAILY MX	26 - Ib/d		<=	8.0 MO AVG	<=	60.0 DAILY MX	28 - ug/L	0	01/01 - Daily	GR - GRAI
					Value NODI														
					Sample														
71901	Mercury, total recoverable	R - See	2		Permit Req.								Req Mon ANNL MAX		Req Mon DAILY MX	3M - ng/L		01/60 - Once Every 2 Months	GR - GRA
71301	moroury, total recoverable	Comments			Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required Thi Period	s			

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
 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

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Permit

Major:

Permit #: IN0000281 Permittee:

Discharge:

DMR Due Date:

Permittee Address:

U.S. STEEL CORP - GARY WORKS

Facility Location:

Facility:

UNITED STATES STEEL CORP - GARY WORKS FACILITY

1 N BROADWAY MS 70 PO BOX 59

GARY, IN 46402

PO BOX 59 GARY, IN 46402

605 Internal Outfall

Yes

84"HSM FILTRATION PLANT

Report Dates & Status

Permitted Feature:

Monitoring Period: From 11/01/23 to 11/30/23 12/28/23

Status:

NetDMR Validated

1 N BROADWAY MS 70

Considerations for Form Completion

INTERNAL OUTFALL OF 034A INDUSTRIAL MAJOR GARY / LAKE COUNTY

Piscatelli

Principal Executive Officer

First Name: Alexis Title:

Senior Director Environmental

Telephone:

219-888-5280

No Data Indicator (NODI)

Last Name:

Form N	ODI:																		
	Parameter	Monitoring Location	Season #	on # Param. NODI			Qı	uantity or Loa	nding				Quality or Con	centration			# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1 Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
					Sample	=	6.11	=	21.8	26 - lb/d		=	1.4	=	1.9	19 - mg/L		02/07 - Twice Every Week	24 - COMP24
00530	Solids, total suspended	R - See Comments	0		Permit Req.	<=	725.0 MO AVG	<=	2175.0 DAILY MX	26 - lb/d			Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	02/07 - Twice Every Week	24 - COMP24
00000	Contact, total outpended				Value NODI														
					Sample	<	5.3	=	21.0	26 - lb/d		<	2.0	=	3.3	19 - mg/L		05/WK - Five Per Week	3R - 3GR24H
00552	Oil and grease, hexane extr method	R - See Comments	0		Permit Req.		Req Mon MO AVG	<=	1450.0 DAILY MX	26 - lb/d			Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	05/WK - Five Per Week	3R - 3GR24H
00002	On and grouss, novano oxis mounta	Tr God Commonto			Value NODI														
					Sample	=	0.33	=	1.372	03 - MGD								01/01 - Daily	TM - TOTALZ
50050	Flow, in conduit or thru treatment plant	R - See Comments	0		Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD						·	TM - TOTALZ		
23000	riow, in conduit or thru treatment plant	Coo commonto			Value NODI								0						

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		Туре	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 2024-01-31 14:16 (Time Zone: -05:00) Date/Time:

Report Last Signed By

JEHANNING

Name: Joseph Hanning
E-Mail: jehanning@uss.com

DMR Copy of Record

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Permit

Major:

Permit #: IN0000281 Permittee:

U.S. STEEL CORP - GARY WORKS

Facility Location:

Facility:

UNITED STATES STEEL CORP - GARY WORKS FACILITY

1 N BROADWAY MS 70

PO BOX 59 GARY, IN 46402 1 N BROADWAY MS 70 PO BOX 59

GARY, IN 46402

Permitted Feature:

Internal Outfall

Yes

Discharge:

Permittee Address:

STORMWATER RUNOFF

Report Dates & Status

Monitoring Period: From 11/01/23 to 11/30/23 12/28/23

Status:

NetDMR Validated

Considerations for Form Completion

INTERNAL OUTFALL OF 034A INDUSTRIAL MAJOR GARY / LAKE COUNTY

Piscatelli

Principal Executive Officer

First Name: Alexis Title:

DMR Due Date:

Senior Director Environmental

Telephone:

219-888-5280

No Data Indicator (NODI)

Last Name:

Form NODI

Form N			0 "	D NODI				494										"	- (, , , ,	0 1 7
	Parameter	Monitoring Location	Season #	Param. NODI				uantity or Loa							Concentration			# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2			Units			00.0010
					Sample											2.6	19 - mg/L		01/07 - Weekly	GR - GRAB
00552	Oil and grease, hexane extr method	R - See Comments	0		Permit Req.											Req Mon DAILY MX	19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI															
					Sample										<	1.0	28 - ug/L		01/30 - Monthly	24 - COMP24
01094	Zinc, total recoverable	R - See Comments	0		Permit Req.											Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	24 - COMP24
01004	Zino, total resoverable	it dec comments	J		Value NODI															
					Sample										=	0.18	28 - ug/L		01/30 - Monthly	24 - COMP24
01114	Lead, total recoverable	R - See Comments	0		Permit Req.											Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	24 - COMP24
01114	Lead, total recoverable	TO GOO COMMINENTS			Value NODI													U		
					Sample										=	0.67	28 - ug/L		01/30 - Monthly	24 - COMP24
01118	Chromium, total recoverable	R - See Comments	0		Permit Req.											Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	24 - COMP24
01110		Tr Coo Commonto			Value NODI															
					Sample										<	2.0	28 - ug/L		01/30 - Monthly	24 - COMP24
32730	Phenolics, total recoverable	R - See Comments	0		Permit Req.											Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	24 - COMP24
02,00	Therenes, total recoverable	TO COO COMMINIONO			Value NODI															
						4.00	0		0.00	00 1400									04/04 D-ib	TAA TOTAL 7
					Sample Darmit Barr	= 1.88		-	6.02	03 - MGD									01/01 - Daily	TM - TOTALZ
50050	Flow, in conduit or thru treatment plant	R - See Comments	0		Permit Req.	Red	Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	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_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

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Permit					
Permit #:	IN0000281	Permittee:	U.S. STEEL CORP - GARY WORKS	Facility:	UNITED STATES STEEL CORP - GARY WORKS FACILITY
Major:	Yes	Permittee Address:	1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402	Facility Location:	1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402
Permitted Feature:	608 Internal Outfall	Discharge:	608-A CHROMIUM WASTEWATER TREATMENT PLANT		
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 Co	mpletion				
INTERNAL OUTFALL OF 034	A INDUSTRIAL MAJOR GARY / LAKE CO	UNTY			
Principal Executive Officer					
First Name:	Alexis	Title:	Senior Director Environmental	Telephone:	219-888-5280
Last Name:	Piscatelli				
No Data Indicator (NODI)					

Form N	IODI:														
	Parameter	Monitoring		n Param.			Quantity or Lo	ading			Quality	or Concentration		# of Frequency	of Sample
Code	Name	Location	#	NODI	Qualit 1	ier Value 1	Qualifie 2	r Value 2	Units	Qualifier Value Qualifi 1 1 2	er Value 2	Qualifier Value 3	Units	Ex. Analysis	Туре
					Sample =	0.59	=	1.15	26 - lb/d	=	9.3	= 13.0	19 - mg/L	02/07 - Twice Every Week	24 - COMP24
00530	Solids, total suspended	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	19 - mg/L	0 02/07 - Twice Every Week	24 - COMP24
					Value NODI										
					Sample <	0.11	=	0.16	26 - lb/d	<	1.6	= 2.3	19 - mg/L	05/WK - Five F Week	3GR24H
00552	Oil and grease, hexane extr method	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	19 - mg/L	0 05/WK - Five F Week	Per 3R - 3GR24H
					Value NODI										
					Sample <	0.0000001	<	0.0000002	26 - lb/d	<	0.002	< 0.002	28 - ug/L	02/30 - Twice I Month	COMP24
01079	Silver 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 02/30 - Twice I Month	Per 24 - COMP24
					Value NODI										
					Sample =	0.02	=	0.04	26 - lb/d	=	368.0	= 498.0	28 - ug/L	02/07 - Twice Every Week	24 - COMP24
01094	Zinc, 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
					Value NODI										
					Sample =	0.00005	=	0.00007	26 - lb/d	=	0.73	= 0.8	28 - ug/L	02/07 - Twice Every Week	24 - COMP24
01114	Lead, 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
					Value NODI										
					Sample =	0.01	=	0.0203	26 - lb/d	=	143.0	= 223.0	28 - ug/L	02/07 - Twice Every Week	24 - COMP24
01118	Chromium, 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
					Value NODI										

2.9

3.5

0.00033

0.00019

02/07 - Twice

Every Week

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
				Value NODI								
				Sample								
01220	Chromium, hexavalent	R - See	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	01/07 - Weekly	GR - GRAB
	dissolved [as Cr]	Comments		Value NODI	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - No Required This Period	lot	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
34475	Tetrachloroethylene	R - See Comments	0	 Permit Req.		Req Mon DAILY MX	26 - Ib/d		Req Mon DAILY MX	28 - ug/L	0 02/07 - Twice Every Week	G2 - GRAB-2
				Value NODI								
				Sample		< 0.00006	26 - lb/d	<	0.64	28 - ug/L	02/07 - Twice Every Week	24 - COMP24
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								
				Sample =	0.0088	0.0122	03 - MGD				01/01 - Daily	CN - CONTIN
50050	Flow, in conduit or thru treatment plant	R - See Comments	0	 Permit Req.	Req Mon MO AVG	Req Mon DAILY MX	03 - MGD				0 01/01 - Daily	CN - CONTIN
				Value NODI								
				Sample								
78224	Total toxic organics [TTO]	R - See	0	 Permit Req.		Req Mon DAILY MX	26 - lb/d		Req Mon DAILY MX	28 - ug/L	01/30 - Monthly	24 - COMP24
	[40 CFR433]	Comments		Value NODI		9 - Conditional Monitoring - No Required This Period	lot		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	Туре	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



Indiana Discharge Monitoring Report Form 30530

MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

U.S. Steel Corporation One North Broadway Mail Sta. 70 Gary, IN 46402

FACILITY NAME AND ADDRESS:

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

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 PERMIT NUMBER
 OUTFALL NO.
 MO.
 YR.

EFFLUENT CHARA	CTERISTICS	FLOW		TS	S	Oil & G	reas	е	Lead,	Total
EFFLUENT PARAM	ETER NUMBER	Q50050		Q00530	C00530	Q00552	CC	0552	Q01051	C01051
SAMPLE TYPE	Permit Condition	RCOTOT		Comp	Comp	Grab-3	Gr	ab-3	Comp	Comp
SAIVIPLE I TPE	Monitored	RCOTOT		Comp	Comp	Grab-3	Gr	ab-3	Comp	Comp
EDECHENOV	Permit Condition	Daily		5/7	5/7	5/7		5/7	2/7	2/7
FREQUENCY	Monitored	Daily		5/7	5/7	5/7		5/7	2/7	2/7
FFFILIENT	Permit Minimum	*****		*****	*****	*****	**	****	*****	*****
EFFLUENT	Permit Average	Report		Report	Report	1274	R	eport	4.5	19
LIMITATIONS	Permit Maximum	Report		Report	Report	2807	R	eport	10	43
	UNITS =	MGD		LB/DAY	MG/L	LB/DAY	N	1G/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		333						
	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	0.10	
	22	24.22		917	4.5	< 335.9	<	1.7	0.44	2.2
	23	24.02		987	4.9	476.7		2.4	0	
	24	24.69		920	4.5	< 399.7	<	1.9		
	25	24.36		323						
	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	0.00	2.0
	29	24.11		1211	6.0	< 351.4	<	1.7	0.52	2.6
	30	23.63		1112	5.6	< 294.5	<	1.5	0.02	2.0
				2	0.0	201.0				
MONTHLY AVERAG	SE .	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 WEE	KLY OR DAILY	12.17		330	0.0	107.0		1	0.04	1.0
EFFL. LIMITATIONS		0		0	0	0		0	0	0
TOTAL FLOW	LACELDED	656.96	Highligh	-	-	& >= LOD, and	are n	-		U
TOTAL FLOW		050.90	l manigi	neu dally value	s ale \LUQ	x LOD, and	are II	ot quali	unable.	

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
 12/28/2023

 (SIGNATURE OF CERTIFIED OPERATOR)
 DATE

 Brandon Miller
 WW020987

 219-888-3369
 WW020987

 PHONE NUMBER
 CERTIFICATION NO.

 Alexis Piscatelli
 12/28/2023

 (SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)
 DATE

Page 30 of 84

Joseph E. Hanning, Manager Environmental Control



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	6 0 0	1	1	2	3
			PERMI	I INCIVII			-		OUTFALL NO.	MC).	YF	₹.

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

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

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Brandon Miller	12/28/2023
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Brandon Miller	
219-888-3369	WW020987
PHONE NUMBER	CERTIFICATION NO.
Alexis Piscatelli	12/28/2023
(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)	DATE

Joseph E. Hanning, Manager Environmental Control

Page 31 of 84



Revision Pending Approval - September 2003

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Mail To: Indiana Dept. of Environmental Management
Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

		_	_				_				_							
				MIT NUI	MBER			OUTFALL NO.				-	MO.			R.	•	
I	N	0	0	0	0	2	8	1		6	0	5		1	1	2	3]

EFFLUENT CHARA	EFFLUENT CHARACTERISTICS				Oil & C	Grease		TS	SS		
EFFLUENT PARAM	ETER NUMBER	Q50050		Q00	552	C0	0552	Q00530	C00530		
SAMPLE TYPE	Permit Condition	RCOTOT		Grab	o-3	Gra	ab-3	Comp	Comp		
SAIVIPLE I TPE	Monitored	RCOTOT		Grab	o-3	Gra	ab-3	Comp	Comp		
FREQUENCY	Permit Condition	Daily		5/	7	Ę	5/7	2/7	2/7		
FREQUENCY	Monitored	Daily		5/			5/7	2/7	2/7		
FFFLUENT	Permit Minimum	*****		****	**	***	***	*****	*****		
EFFLUENT LIMITATIONS	Permit Average	Report		Rep	ort	***	***	725	Report		
LIMITATIONS	Permit Maximum	Report		14	50	Re	port	2175	Report		
	UNITS =	MGD		LB/D)AY	М	G/L	LB/DAY	MG/L		
	1	0.848			16.3		2.3				
	2	0.277		<	3.1	<	1.3	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	<	2.0	12.1	1.3		
	8	0.019		<	0.2	<	1.3				
	9	0.056		<	8.0	<	1.8	0.8	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		٧	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	4.2	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 AVETTE	\=	0.000			5.0		0.0	0.1			
MONTHLY AVERAG	iE	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 WEE		0		_			0	0	0		
EFFL. LIMITATIONS	EVCEENED	U	11:	0				>= I OD and a		-1-1-	

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	12/28/2023
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Brandon Miller	
219-888-3369	WW020987
PHONE NUMBER	CERTIFICATION NO.
Alexis Piscatelli	12/28/2023

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)

Joseph E. Hanning, Manager Environmental Control

Page 55 of 84

DATE



Revision Pending Approval - September 2003

· · ·	
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One North Broadway Mail Sta. 70 Gary, IN 46402 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	6	0	6		1	1	2	
	-		PERM	IIT NUI	MBER	-			OUTFA	LL NO		=	MO.		YR.	

EFFLUENT CHARAC	EFFLUENT CHARACTERISTICS		Oil & Grease	Lead, Total	Zinc, Total	Chromium, Total	Phenolics, Total	
EFFLUENT PARAME	TER NUMBER	Q50050	C00552	C01051	C01094	C01118	C00680	
SAMPLE TYPE	Permit Condition	RCOTOT	Grab	Comp	Comp	Comp	Comp	
SAIVIPLE ITPE	Monitored	RCOTOT	Grab	Comp	Comp	Comp	Comp	
FREQUENCY	Permit Condition	Daily	1/7	1/ 30	1/ 30	1/ 30	1/ 30	
FREQUENCY	Monitored	Daily	1/7	1/ 30	1/ 30	1/ 30	1/ 30	
EFFLUENT	Permit Minimum	*****	*****	*****	*****	*****	*****	
EFFLUENT	Permit Average	Report	*****	*****	*****	*****	*****	
LIMITATIONS	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					1	
	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					1	
	30	2.77						
							1	
MONTHLY AVERAG	E	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	
EFFL. LIWITATIONS	EVOCEDED	0						
			j Highlighte	ed dally values are	<luq &="">= LUD, 8</luq>	and are not quantifial	DIE.	

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	12/28/2023					
	(SIGNATURE OF CERTIFIED OPERATOR)	DATE				
	Brandon Miller					
	219-888-3369					
	PHONE NUMBER	CERTIFICATION NO.				
	Alexis Piscatelli	12/28/2023				

Alexis Piscatelli 12/28/2023
(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER) DATE

Joseph E. Hanning, Manager Environmental Control Page 56 of 84



Indiana Discharge Monitoring Report Form 30530

MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

U.S. Steel Corporation One North Broadway Mail Sta. 70 Gary, IN 46402

ACILITY NAME AND ADDRESS:

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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	1	Γ	6	0	8	1 1 2 3					
	PERMIT NUMBER	₹		-	OUTFAL	L NO		M). Y	R.		
EFFLUENT CHARA	ACTERISTICS	FLOW			Oil & G	rease		тѕ	S	Chromium, Total		
EFFLUENT PARAM	METER NUMBER	Q50050		Q	0552	C00552		Q00530	C00530	Q01118 C01118		
OAAADI E TVDE	Permit Condition	RCOTOT		Grab	-3	Gra	b-3	Comp	Comp	Comp	Comp	
SAMPLE TYPE	Monitored	RCOTOT		Grab	-3	Gra	b-3	Comp	Comp	Comp	Comp	
EDEOUENOV.	Permit Condition	Daily			5/7		5/7	2/7	2/7	2/7	2/7	
FREQUENCY	Monitored	Daily			5/7		5/7	2/7	2/7	2/7	2/7	
FFFLUENT	Permit Minimum	*****		****	**	***	***	*****	*****	*****	*****	
EFFLUENT LIMITATIONS	Permit Average	Report		R	eport	R	eport	Report	Report	Report	Report	
LIMITATIONS	Permit Maximum	Report		R	eport	R	eport	Report	Report	Report	Report	
	UNITS =	MGD		LB	/DAY		/IG/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 AVERA	OF.	0.0000			0.11	-	1.6	0.500	0.2	0.0000	140	
MONTHLY AVERAGE HIGHEST VALUE	GE	0.0088 0.0122		<	0.11 0.16	<	1.6 2.3	0.592 1.147	9.3	0.0099 0.0203	143 223	
LOWEST VALUE		0.0122		<	0.16	<	1.3	0.030	2.7	0.0203	92	
NO. OF TIMES WE	EKI V OD DAII V	0.0000		_	0.01	-	1.3	0.030	2.1	0.0003	92	
EFFL. LIMITATIONS	-	0		1	0		0	0	0	0	0	
LEFEL LIMITATIONS	O LACEEDED	l U			U		U	U	U	U	L U	

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 Brandon Miller
 12/28/2023

 (SIGNATURE OF CERTIFIED OPERATOR)
 DATE

 Brandon Miller
 219-888-3369
 WW020987

 PHONE NUMBER
 CERTIFICATION NO.

 Alexis Piscatelli
 12/28/2023

(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)

Joseph E. Hanning, Manager Environmental Control

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

Page 51 of 84



Indiana Discharge Monitoring Report Form 30530

MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

U.S. Steel Corporation
One North Broadway
One North Broadway Mail Sta. 70
Gary, IN 46402

FACILITY NAME AND ADDRESS:

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P.O. Box 6015

Indianapolis, Indiana 46206-6015

	0 0	2 8	1	6	0 8	1	1 2	3	
	IT NUMBER		<u> </u>	OUTFAL		M		R.	
EFFLUENT CHARACTERISTI	cs	Lead,	Total	Zinc,	Γotal	Cyanid	e, Total	Cadmiun	n, Total
EFFLUENT PARAMETER NUI	MBER	Q01051	C01051	Q01094	C01094	Q00720	C00720	Q01113	C01113
SAMPLE TYPE Permit C	ondition	Comp	Comp	Comp	Comp	Grab-3	Grab-3	Comp	Comp
Monitore Monitore	d	Comp	Comp	Comp	Comp	Grab-3	Grab-3	Comp	Comp
FREQUENCY Permit C	ondition	2/7	2/7	2/7	2/7	1/90	1/90	1/90	1/90
Monitore	d	2/7	2/7	2/7	2/7	1/90	1/90	1/90	1/90
EFFLUENT Permit M		*****	*****	*****	*****	*****	*****	*****	*****
LIMITATIONS Permit A	verage	Report	Report	Report	Report	Report	Report	Report	Report
Permit M	aximum	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								1
	26								
27		0.000=:	0.55	2 2	2:-				-
28		0.000054	0.65	0.029	349				+
	29	0.0000=1	0.70	0.000	4.10				+
	30	0.000054	0.70	0.032	418				+
MONTHLY AVEDAGE		0.000010	0.70	0.000	222			b i a	110
MONTHLY AVERAGE		0.000046	0.73	0.022	368	NA	NA	NA NA	NA NA
HIGHEST VALUE		0.000071	0.80	0.043	498	NA	NA	NA	NA
LOWEST VALUE	NA II N/	0.000002	0.65	0.001	146	NA	NA	NA	NA
NO OF TIMEO WEEK VOS									1
NO. OF TIMES WEEKLY OR DEFFL. LIMITATIONS EXCEED		0	0	0	0	0	0	0	0

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	12/28/2023
(SIGNATURE OF CERTIFIED OPERATOR)	DATE
Brandon Miller	
219-888-3369	WW020987
PHONE NUMBER	CERTIFICATION NO.
Alexis Piscatelli	12/28/2023
(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)	DATE
Joseph E. Hanning, Manager Environmental Control	Page 52 of 84



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Indiana Discharge Monitoring Report Form 30530

MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

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U.S. Steel Corporation
One North Broadway
Mail Sta. 70
Gary, IN 46402

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FACILITY NAME AND ADDRESS:

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

1

Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

2 3

EFFLUENT CHARA	CTERISTICS	Hexavalent	Chromium	Copper,	Total	Nickel	, Total	Silver, Total			
EFFLUENT PARAM		Q01220	C01220	Q01119	C01119	Q01074	C01074	Q01079		C01079	
	Permit Condition	Grab	Grab	Comp	Comp	Comp	Comp		Comp		Comp
SAMPLE TYPE	Monitored			Comp	Comp	Comp	Comp	Comp		Comp	
EDEOUENOV.	Permit Condition	Suspended	Suspended	2/7	2/7	1/90	1/90	2/	30	2/	30
FREQUENCY	Monitored		· ·	2/7	2/7	1/90	1/90	2/	30	2/	30
	Permit Minimum	*****	*****	*****	*****	*****	*****	****	k .	**	****
EFFLUENT LIMITATIONS	Permit Average	Report	Report	Report	Report	Report	Report	F	Report	Report	
LIMITATIONS	Permit Maximum	Report	Report	Report	Report	Report	Report	F	Report	ı	Report
UNITS	S	LB/DAY	UG/L	LB/DAY	UG/L	LB/DAY	UG/L	LI	B/DAY		UG/L
	1										
	2			0.00015	2.5						
	3										
	4										
	5										
	6										
	7			0.00001	2.5			<	0.0000001	<	0.00
	8										
	9			0.00015	2.5						
	10										
	11										
	12										
	13										
	14			0.00026	2.9			<	0.00000018	<	0.00
	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						
101171111111111111111111111111111111111				0.000:5					0.0000005		
MONTHLY AVERAGE	iL	NA	NA	0.00019	2.9	NA	NA		0.00000009	<	0.002
HIGHEST VALUE		NA	NA	0.00033	3.5	NA	NA.		0.00000018	<	0.002
OWEST VALUE	-1/1 \ / OD DA \ /	NA	NA	0.00001	2.5	NA	NA	<	0.00000001	<	0.002
NO. OF TIMES WEE		0	0	0	0	0	0		0		0

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Indiana Dept. of Environmental Management Mail To:

Office of Water Quality / Data Management Section

P.O. Box 6015

Indianapolis, Indiana 46206-6015

PERMIT NUMBER OUTFALL NO. MO. YR. EFFLUENT CHARACTERISTICS Naphthalene Tetrachloroethylene TTO	1	N	0	0 0	Το	2	8	1			6	0	8 (1	1 1	2	3		
Permit Condition								<u> </u>											
Permit Condition	FFFI UF	ENT CH	ΔΡΔΟ	TERISTICS		Nanhthalene				1	Tetrachlor	TTO			1				
Monitored Comp Comp Grab-2 Grab-2	EFFLUENT PARAMETER NUMBER																		
Moniford Comp Comp Grab-2 Gra	Pormit Condition		tion			Comp		Grab-2		t			1						
Permit Maximum	I SAMPLE LYPE L		Monitored			Comp	Comp			Grab-2		Grab-2	•						
Definition De	EDE	OLIENO	~	Permit Condi	tion		2/7	2/7		2/7			2/7	1/31					
Company	FRE	QUEINC	, ī	Monitored				2/7			2/7								
LIMITATIONS Permit Average Permit Average Permit Average Permit Maximum LB/DAY UG/L UG/L		ELLIENI	г							1									
Permit Maximum			IS			***	***	*****		*****		*****		*****					
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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.