

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.

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<b>Permit</b>		<b>Permit #:</b> IN0000281		<b>Permittee:</b> U.S. STEEL CORP - GARY WORKS		<b>Facility:</b> UNITED STATES STEEL CORP - GARY WORKS FACILITY	
<b>Major:</b> Yes		<b>Permittee Address:</b> 1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402		<b>Facility Location:</b> 1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402			
<b>Permitted Feature:</b> 600 External Outfall		<b>Discharge:</b> 600-A TERMINAL LAGOONS COMBINED TOTAL					

<b>Report Dates &amp; Status</b>		<b>Monitoring Period:</b> From 12/01/23 to 12/31/23		<b>DMR Due Date:</b> 01/28/24		<b>Status:</b> NetDMR Validated	
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**Considerations for Form Completion**  
 COMBINED TOTAL DAILY DISCHARGE OF OUTFALLS 028 AND 030 INDUSTRIAL MAJOR GARY / LAKE COUNTY

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

**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	<	314.0	=	595.0	26 - lb/d			<	1.6	=	3.0	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	=	20.5	=	24.0	26 - lb/d			=	104.0	=	120.0	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	=	0.51	=	0.64	26 - lb/d			=	2.6	=	3.3	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	=	23.33	=	25.07	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	0	--	Sample								=	0.29	<	0.2	3M - ng/L	0	01/60 - Once Every 2 Months	GR - GRAB		
					Permit Req.											Req Mon ANNL AVG			Req Mon DAILY MX	3M - ng/L	01/60 - Once Every 2 Months	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
IN0000281_600A_MMR_2023_12.pdf	pdf	333414.0

**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: 2024-02-15 16:37 (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)

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.

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<b>Permit</b>			
<b>Permit #:</b>	IN0000281	<b>Permittee:</b>	U.S. STEEL CORP - GARY WORKS
<b>Major:</b>	Yes	<b>Permittee Address:</b>	1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402
<b>Permitted Feature:</b>	603 External Outfall	<b>Discharge:</b>	603-A BOP TRTMNT & CASTING TRTMNT
<b>Facility:</b>		<b>Facility Location:</b>	UNITED STATES STEEL CORP - GARY WORKS FACILITY 1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 12/01/23 to 12/31/23	<b>DMR Due Date:</b>	01/28/24
<b>Status:</b>	NetDMR Validated		

**Considerations for Form Completion**  
INTERNAL OUTFALL OF 030 (028). INDUSTRIAL MAJOR GARY / LAKE COUNTY

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Alexis	<b>Title:</b>	Senior Director Environmental
<b>Last Name:</b>	Piscatelli	<b>Telephone:</b>	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	=	620.0	=	1097.0	26 - lb/d			=	5.6	=	10.0	19 - mg/L	0	05/WK - Five Per Week	24 - COMP24		
					Permit Req.	<=	1667.0 MO AVG	<=	4825.0 DAILY MX	26 - lb/d						Req Mon MO AVG			Req Mon DAILY MX	19 - mg/L	05/WK - Five Per Week	24 - COMP24
					Value NODI																	
01094	Zinc, total recoverable	R - See Comments	0	--	Sample	=	2.72	=	3.79	26 - lb/d			=	25.0	=	34.0	28 - ug/L	0	02/07 - Twice Every Week	24 - COMP24		
					Permit Req.	<=	9.81 MO AVG	<=	29.4 DAILY MX	26 - lb/d						Req Mon MO AVG			Req Mon DAILY MX	28 - ug/L	02/07 - Twice Every Week	24 - COMP24
					Value NODI																	
01114	Lead, total recoverable	R - See Comments	0	--	Sample	<	0.11	=	0.14	26 - lb/d			<	1.0	=	1.2	28 - ug/L	0	02/07 - Twice Every Week	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	02/07 - Twice Every Week	24 - COMP24
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	R - See Comments	0	--	Sample	=	13.15	=	15.26	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																	

**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**

<b>Attachments</b>		
Name	Type	Size
IN0000281_603A_SupportingData_2023_12.pdf	pdf	204958.0
IN0000281_603A_MMR_2023_12.pdf	pdf	264660.0

**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: 2024-02-15 16:39 (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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<b>Permit</b>			
<b>Permit #:</b>	IN0000281	<b>Permittee:</b>	U.S. STEEL CORP - GARY WORKS
<b>Major:</b>	Yes	<b>Permittee Address:</b>	1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402
<b>Permitted Feature:</b>	605 Internal Outfall	<b>Discharge:</b>	605-A 84"HSM FILTRATION PLANT
<b>Facility:</b>		<b>Facility Location:</b>	UNITED STATES STEEL CORP - GARY WORKS FACILITY 1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 12/01/23 to 12/31/23	<b>DMR Due Date:</b>	01/28/24
<b>Status:</b>	NetDMR Validated		

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

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Alexis	<b>Title:</b>	Senior Director Environmental
<b>Last Name:</b>	Piscatelli	<b>Telephone:</b>	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	=	8.12	=	24.8	26 - lb/d			=	1.2	=	2.1	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	<	4.3	=	19.0	26 - lb/d			<	1.6	=	2.1	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	=	0.211	=	1.416	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**  
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**Edit Check Errors**  
No errors.

**Comments**

**Attachments**

Name	Type	Size
IN0000281_605A_MMR_2023_12.pdf	pdf	264117.0

**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: 2024-02-15 16:31 (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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<b>Permit</b>																				
<b>Permit #:</b>		IN0000281			<b>Permittee:</b>		U.S. STEEL CORP - GARY WORKS					<b>Facility:</b>		UNITED STATES STEEL CORP - GARY WORKS FACILITY						
<b>Major:</b>		Yes			<b>Permittee Address:</b>		1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402					<b>Facility Location:</b>		1 N BROADWAY MS 70 PO BOX 59 GARY, IN 46402						
<b>Permitted Feature:</b>		607 External Outfall			<b>Discharge:</b>		607-AQ 607 QUARTERLY BENZO(A)PYRENE													
<b>Report Dates &amp; Status</b>																				
<b>Monitoring Period:</b>		From 10/01/23 to 12/31/23			<b>DMR Due Date:</b>		01/28/24					<b>Status:</b>		NetDMR Validated						
<b>Considerations for Form Completion</b>																				
INTERNAL OUTFALL OF 015A QUARTERLY REPORTING: MARCH, JUNE, SEPTEMBER, AND DECEMBER. INDUSTRIAL MAJOR GARY / LAKE COUNTY																				
<b>Principal Executive Officer</b>																				
<b>First Name:</b>		Alexis			<b>Title:</b>		Senior Director Environmental					<b>Telephone:</b>		219-888-5280						
<b>Last Name:</b>		Piscatelli																		
<b>No Data Indicator (NODI)</b>																				
<b>Form NODI:</b>		--																		
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	
34247	Benzo[a]pyrene	R - See Comments	0	--	Sample	<	0.000016	<	0.000016	26 - lb/d			<	0.023	<	0.023	28 - ug/L	0	01/90 - Quarterly	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		01/90 - Quarterly	24 - COMP24
					Value NODI															
<b>Submission Note</b>																				
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.																				
<b>Edit Check Errors</b>																				
No errors.																				
<b>Comments</b>																				
<b>Attachments</b>																				
												<b>Name</b>		<b>Type</b>		<b>Size</b>				
IN0000281_607A_MMR_2023_10.pdf												pdf		285177.0						
<b>Report Last Saved By</b>																				
U.S. STEEL CORP - GARY WORKS																				
<b>User:</b>		amanda.grzybowski@alsglobal.com																		
<b>Name:</b>		Amanda Grzybowski																		
<b>E-Mail:</b>		amanda.grzybowski@alsglobal.com																		
<b>Date/Time:</b>		2024-02-15 13:52 (Time Zone: -05:00)																		
<b>Report Last Signed By</b>																				
<b>User:</b>		JEHANNING																		
<b>Name:</b>		Joseph Hanning																		
<b>E-Mail:</b>		jehanning@uss.com																		
<b>Date/Time:</b>		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 0 0 0 0 2 8 1  
 PERMIT NUMBER

6 0 0  
 OUTFALL NO.

1 2 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	24.02	935	4.7	265.8	1.3		
	2	22.56						
	3	24.99						
	4	25.04	1119	5.4	< 353.9	< 1.7	0.50	2.4
	5	25.07	882	4.2	< 343.5	< 1.6		
	6	24.56	795	3.9	< 295.2	< 1.4	0.29	1.4
	7	23.59	799	4.1	595.4	3.0		
	8	22.57	704	3.7	< 357.8	< 1.9		
	9	23.29						
	10	23.33						
	11	23.60	658	3.3	471.1	2.4	0.59	3.0
	12	23.54	703	3.6	< 282.9	< 1.4		
	13	23.10	840	4.4	276.2	1.4	0.52	2.7
	14	22.84	912	4.8	< 270.6	< 1.4		
	15	23.88	780	3.9	321	1.6		
	16	24.71						
	17	23.86						
	18	23.89	1022	5.1	304.1	1.5	0.64	3.2
	19	23.83	1098	5.5	< 295.6	< 1.5		
	20	23.64	1067	5.4	< 308.7	< 1.6	0.46	2.3
	21	23.37	1022	5.2	< 273.1	< 1.4		
	22	23.02	706	3.7	< 274.1	< 1.4		
	23	22.15						
	24	22.79						
	25	21.91	907	5.0	< 256	< 1.4	0.48	2.6
	26	21.91	726	4.0	274.8	1.5		
	27	21.96	861	4.7	< 253.5	< 1.4	0.60	3.3
	28	22.68	1465	7.7	< 261.3	< 1.4		
	29	22.46	510	2.7	< 258.3	< 1.4		
	30	22.86						
	31	22.32						
MONTHLY AVERAGE		23.33	882	4.5	< 314	< 1.6	0.51	2.6
HIGHEST VALUE		25.07	1465	7.7	595.4	3.0	0.64	3.3
LOWEST VALUE		21.91	510	2.7	< 253.5	< 1.3	0.29	1.4
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0	0	0	0
TOTAL FLOW		0.00						

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

1/28/2024  
 DATE  
 WW020987  
 CERTIFICATION NO.

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

1/28/2024  
 DATE  
 Page 30 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:  
 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 2 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						< 4.01	< 20
2						< 3.77	< 20
3						< 4.17	< 20
4	20.68	99				< 4.18	< 20
5						< 4.18	< 20
6						< 4.10	< 20
7						< 3.94	< 20
8						< 3.77	< 20
9						< 3.89	< 20
10						< 3.89	< 20
11	17.96	91				< 3.94	< 20
12						< 3.93	< 20
13						< 3.86	< 20
14						< 3.81	< 20
15						< 3.98	< 20
16						< 4.12	< 20
17						< 3.98	< 20
18	23.95	120				< 3.99	< 20
19						< 3.98	< 20
20	<	<	< 0.00004	< 0.20		< 3.95	< 20
21						< 3.90	< 20
22						< 3.84	< 20
23						< 3.70	< 20
24						< 3.80	< 20
25						< 3.66	< 20
26						< 3.66	< 20
27	19.49	106				< 3.66	< 20
28						< 3.79	< 20
29						< 3.75	< 20
30						< 3.82	< 20
31						< 3.72	< 20
MONTHLY AVERAGE		20.52	104	< 0.00004	< 0.20	0.00	0.0
HIGHEST VALUE		23.95	120	< 0.00004	< 0.20	< 4.18	< 20
LOWEST VALUE		17.96	91	< 0.00004	< 0.20	< 3.66	< 20
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		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

1/28/2024  
 DATE  
 WW020987  
 CERTIFICATION NO.

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

1/28/2024  
 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

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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	2	8	1
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PERMIT NUMBER

6	0	3
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OUTFALL NO.

1	2	2	3
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MO. YR.

EFFLUENT CHARACTERISTICS		FLOW	Lead, Total		Zinc, Total		TSS	
EFFLUENT PARAMETER NUMBER		Q50050	Q01051	C01051	Q01094	C01094	Q00530	C00530
SAMPLE TYPE	Permit Condition	RCOTOT	Comp	Comp	Comp	Comp	Comp	Comp
	Monitored	RCOTOT	Comp	Comp	Comp	Comp	Comp	Comp
FREQUENCY	Permit Condition	Daily	2/7	2/7	2/7	2/7	5/7	5/7
	Monitored	Daily	2/7	2/7	2/7	2/7	5/7	5/7
EFFLUENT LIMITATIONS	Permit Minimum	*****	*****	*****	*****	*****	*****	*****
	Permit Average	Report	Report	Report	9.81	Report	1667	Report
	Permit Maximum	Report	Report	Report	29.4	Report	4825	Report
UNITS =		MGD	LB/DAY	UG/L	LB/DAY	UG/L	LB/DAY	MG/L
	1	15.26					644	5.1
	2	14.54						
	3	8.83						
	4	13.65	< 0.11	< 1.0	< 2.22	< 20	944	8.3
	5	13.29					759	6.8
	6	13.05	0.09	0.84	< 2.01	< 19	563	5.2
	7	12.12					603	6.0
	8	13.20					866	7.9
	9	11.06						
	10	13.54						
	11	14.14	0.09	0.75	< 2.30	< 20	513	4.3
	12	12.54					495	4.7
	13	13.34	0.12	1.1	3.79	34	522	4.7
	14	13.22					1097	10
	15	15.18					469	3.7
	16	13.52						
	17	11.93						
	18	12.88	0.13	1.2	2.67	25	390	3.6
	19	13.55					679	6.0
	20	12.86	0.11	1.1	2.99	28	557	5.2
	21	13.90					618	5.3
	22	13.96					33	0.28
	23	13.75						
	24	14.01						
	25	10.73	0.09	1.0	2.09	23	519	5.8
	26	12.50					650	6.2
	27	13.32	0.14	1.2	3.66	33	723	6.5
	28	13.27					800	7.2
	29	14.02					577	4.9
	30	12.89						
	31	13.68						
MONTHLY AVERAGE		13.15	0.11	1.0	< 2.72	< 25	620	5.6
HIGHEST VALUE		15.26	0.14	1.2	3.79	34	1097	10
LOWEST VALUE		8.83	0.09	0.75	< 2.01	< 19	33	0.28
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

\_\_\_\_\_  
 1/28/2024  
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 WW020987  
 CERTIFICATION NO.

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

\_\_\_\_\_  
 1/28/2024  
 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

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 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
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PERMIT NUMBER

6	0	5
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OUTFALL NO.

1	2	2	3
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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	0.105	< 1.5	< 1.7			
2	0.018	< 0.2	< 1.6			
3	0.022	0.4	2.1			
4	0.333	< 3.6	< 1.3			
5	0.722	< 7.8	< 1.3	11.4	1.9	
6	0.021	0.4	2.1			
7	0.025	< 0.4	< 2.1	< 0.1	< 0.30	
8	0.147	< 1.8	< 1.5			
9	0.389	< 4.7	< 1.4			
10	0.000		1.5			
11	0.286	< 3.7	< 1.5			
12	1.416	< 19.3	< 1.6	24.8	2.1	
13	0.000	<	< 1.3			
14	0.000		1.6		1.1	
15	0.000		1.9			
16	0.000		1.9			
17	0.000	<	< 1.4			
18	0.384	< 4.2	< 1.3			
19	0.919	< 12.0	< 1.6	10.0	1.3	
20	0.209	< 2.4	< 1.4			
21	0.000	<	< 1.3		1.0	
22	0.000		1.7			
23	0.025	0.4	1.9			
24	0.000		2.0			
25	0.000		< 1.6			
26	0.285	4.2	1.8	2.1	0.90	
27	1.169	< 14.3	< 1.5			
28	0.029	< 0.3	< 1.4	0.3	1.3	
29	0.000		< 1.4			
30	0.000		1.7			
31	0.037	0.6	1.9			
MONTHLY AVERAGE	0.211	< 4.3	< 1.6	8.1	1.2	
HIGHEST VALUE	1.416	19.3	2.1	24.8	2.1	
LOWEST VALUE	0.000	< 0.2	< 1.3	0.1	0.30	
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.

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

\_\_\_\_\_  
 1/28/2024  
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 WW020987  
 \_\_\_\_\_  
 CERTIFICATION NO.

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

\_\_\_\_\_  
 1/28/2024  
 \_\_\_\_\_  
 DATE  
 Page 55 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:  
 U.S. Steel Corporation  
 One North Broadway  
 Mail Sta. 70  
 Gary, IN 46402

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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 2 8 1  
 PERMIT NUMBER

6 0 7  
 OUTFALL NO.

1 0 2 3  
 MO. YR.

EFFLUENT CHARACTERISTICS		FLOW	pH	TSS		Oil & Grease		Nitrogen, Ammonia Total	
EFFLUENT PARAMETER NUMBER		Q50050	C00400	Q00530	C00530	Q00552	C00552	Q00610	C00610
SAMPLE TYPE	Permit Condition	RCOTOT	Grab	Comp	Comp	Grab-3	Grab-3	Comp	Comp
	Monitored	RCOTOT	Grab	Comp	Comp	Grab-3	Grab-3	Comp	Comp
FREQUENCY	Permit Condition	Daily	1/7	1/7	1/7	1/7	1/7	1/7	1/7
	Monitored	Daily	1/7	1/7	1/7	1/7	1/7	1/7	1/7
EFFLUENT LIMITATIONS	Permit Minimum	*****	*****	*****	*****	*****	*****	*****	*****
	Permit Average	Report	*****	Report	30	Report	10	Report	Report
	Permit Maximum	Report	Report	Report	60	Report	15	Report	Report
UNITS =		MGD	S.U.	LB/DAY	MG/L		MG/L	LB/DAY	MG/L
	1	O							
	2	0.0854	6.7	1.43	2.0	1.47	2.1	1.92	2.7
	3	0.0886							2.5
	4	0.0291							
	5	O							
	6	O							
	7	O							
	8	O							
	9	0.0973	7.0	1.95	2.4	1.76	2.2	2.19	2.7
	10	0.0546							
	11	0.0009							
	12	0.0703							
	13	0.1084							
	14	0.1055							
	15	0.1106							
	16	0.1071	7.3	1.52	1.7	1.61	1.8	1.97	2.2
	17	0.0952						2.07	2.6
	18	0.0303						0.92	3.6
	19	O							
	20	O							
	21	O							
	22	0.0741							
	23	0.0883	7.6	1.70	2.3	< 0.96	< 1.3	2.33	3.2
	24	0.0871						2.43	3.4
	25	0.0828							2.6
	26	0.0321							
	27	O							
	28	O							
	29	0.0300							
	30	0.0856	6.9	1.43	2.0	1.14	1.6	0.23	0.32
	31	0.0843						0.34	0.48
MONTHLY AVERAGE		0.0737		1.60	2.1	< 1.39	< 1.8	1.60	2.4
HIGHEST VALUE		0.1106	7.6	1.95	2.4	1.76	2.2	2.43	3.6
LOWEST VALUE		0.0009	6.7	1.43	1.7	< 0.96	< 1.3	0.23	0.32
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)

11/28/2023  
 DATE

Brandon Miller  
 219-888-3369  
 PHONE NUMBER

WW020987  
 CERTIFICATION NO.

Alexis Piscatelli  
 (SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)

11/28/2023  
 DATE

Joseph E. Hanning, Manager Environmental Control



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

Revision Pending Approval - September 2003

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I	N	0	0	0	0	2	8	1
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PERMIT NUMBER

6	0	7
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OUTFALL NO.

1	0	2	3
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MO. YR.

EFFLUENT CHARACTERISTICS		BOD, Carbonaceous		Cyanide, Free		Lead, Total		Zinc, Total	
EFFLUENT PARAMETER NUMBER		Q80082	C80082	Q00718	C00718	Q01051	C01051	Q01094	C01094
SAMPLE TYPE	Permit Condition	Comp	Comp	Grab-3	Grab-3	Comp	Comp	Comp	Comp
	Monitored	Comp	Comp	Grab-3	Grab-3	Comp	Comp	Comp	Comp
FREQUENCY	Permit Condition	1/7	1/7	1 /31	1 /31	1 /31	1 /31	1 /31	1 /31
	Monitored	1/7	1/7	1 /31	1 /31	1 /31	1 /31	1 /31	1 /31
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	MG/L	LB/DAY	UG/L	LB/DAY	UG/L	LB/DAY	UG/L
1									
2	18.54	26	0.0009	1.3	0.0001	0.16	0.004	5.2	
3									
4									
5									
6									
7									
8									
9	28.42	35							
10									
11									
12									
13									
14									
15									
16	43.25	48.4							
17									
18									
19									
20									
21									
22									
23	27.27	37							
24									
25									
26									
27									
28									
29									
30	16.43	23							
31									
MONTHLY AVERAGE		26.8	34	0.0009	1.3	0.0001	0.16	0.004	5.2
HIGHEST VALUE		43.2	48	0.0009	1.3	0.0001	0.16	0.004	5.2
LOWEST VALUE		16.4	23	0.0009	1.3	0.0001	0.16	0.004	5.2
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0	0	0	0	0

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 11/28/2023  
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 Page 58 of 84



**Indiana Discharge Monitoring Report Form 30530**  
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1	N	0	0	0	0	2	8	1
PERMIT NUMBER								

6	0	7
OUTFALL NO.		

1	0	2	3
MO.		YR.	

EFFLUENT CHARACTERISTICS		Phenolics		Benzo(a)pyrene		Selenium, Total	
EFFLUENT PARAMETER NUMBER		Q00680	C00680	Q34247	C34247	Q00981	C00981
SAMPLE TYPE	Permit Condition	Grab-3	Grab-3	Comp	Comp	Comp	Comp
	Monitored	Grab-3	Grab-3	Comp	Comp	Comp	Comp
FREQUENCY	Permit Condition	1 /31	1 /31	1/90	1/90	1 /31	1 /31
	Monitored	1 /31	1 /31	1/90	1/90	1 /31	1 /31
EFFLUENT LIMITATIONS	Permit Minimum	*****	*****	*****	*****	*****	*****
	Permit Average	Report	Report	Report	Report	Report	Report
	Permit Maximum	Report	Report	Report	Report	Report	Report
UNITS		LB/DAY	UG/L	LB/DAY	UG/L	LB/DAY	UG/L
	1						
	2	0.007	9.8 <	0.00002 <	0.023 <	0.0065	9.1
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15						
	16						
	17						
	18						
	19						
	20						
	21						
	22						
	23						
	24						
	25						
	26						
	27						
	28						
	29						
	30						
	31						
MONTHLY AVERAGE		0.007	9.8 <	0.00002 <	0.023 <	0.0065	9.1
HIGHEST VALUE		0.007	9.8 <	0.00002 <	0.023 <	0.0065	9.1
LOWEST VALUE		0.007	9.8 <	0.00002 <	0.023 <	0.0065	9.1
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		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

11/28/2023  
 DATE  
 WW020987  
 CERTIFICATION NO.

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

11/28/2023  
 DATE  
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**USS-GARY WORKS: NPDES Monitoring**  
**Internal Outfall: # 1 Thickener**

Sample Date	Flow MGD Continuous	Lead		Zinc		TSS	
		Conc ug/L Comp	Load lbs/day	Conc ug/L Comp	Load lbs/day	Conc mg/L Comp	Load lbs/day
Frequency	Daily	2 / Week		2 / Week		Process Control	
12/1/2023	1.157					1.0	10
12/2/2023	0.915						
12/3/2023	0.915						
12/4/2023	1.033	4.7	0.04	139	1.20	3.4	29
12/5/2023	0.992					5.9	49
12/6/2023	0.997	3.9	0.03	163	1.36	2.9	24
12/7/2023	0.965					2.9	23
12/8/2023	1.102					3.4	31
12/9/2023	0.947						
12/10/2023	0.914						
12/11/2023	0.744	6.5	0.04	269	1.67	3.0	19
12/12/2023	0.654					9.8	53
12/13/2023	0.852	9.6	0.07	398	2.83	5.1	36
12/14/2023	0.952					26	206.6
12/15/2023	1.157					1.4	14
12/16/2023	0.927						
12/17/2023	0.871						
12/18/2023	0.934	8.4	0.07	126	0.98	2.3	18
12/19/2023	0.995					12	100
12/20/2023	0.988	5.9	0.05	257	2.12	9.7	80
12/21/2023	0.883					4.1	30
12/22/2023	0.953					4	33
12/23/2023	0.747						
12/24/2023	0.783						
12/25/2023	0.726	4.9	0.03	223	1.35	4.5	27
12/26/2023	0.842					40	281
12/27/2023	0.888	6.1	0.04	293	2.17	12	91
12/28/2023	0.832					5.3	37
12/29/2023	0.899					3.0	23
12/30/2023	0.856						
12/31/2023	0.929						

**USS-GARY WORKS: NPDES Monitoring**  
**Internal Outfall: # 1A Thickener**

**USS-GARY**  
**Internal Outf**

Flow MGD Continuous	Lead		Zinc		TSS		Flow MGD Continuous
	Conc ug/L Comp	Load lbs/day	Conc ug/L Comp	Load lbs/day	Conc mg/L Comp	Load lbs/day	
Daily	2 / Week		2 / Week		Process Control		Daily
1.566					4.8	63	11.36
1.311							11.36
1.337							5.57
1.400	3.0	0.04	78	0.91	5.8	68	10.11
1.367					8.0	91	9.87
1.286	1.8	0.02	50	0.54	8.5	91	9.72
1.180					6.5	64	9.06
1.351					4.3	48	9.64
1.438							7.64
1.468							10.14
1.809	1.4	0.02	32	0.48	5.4	82	10.46
1.491					7.7	96	9.96
1.361	2.1	0.02	52	0.59	6.0	68	8.85
1.722					9.2	132	9.12
1.913					5.3	85	10.95
1.662							9.95
1.598							8.47
1.708	2.7	0.04	103	1.47	3.6	51	9.18
1.597					4.3	57	9.89
1.529	1.5	0.02	49	0.63	4.7	60	9.29
1.585					5.1	67	10.35
1.668							10.27
1.669							10.27
1.538							10.66
1.415	2.2	0.03	44	0.52	5.5	65	7.55
1.380					5.8	67	9.24
1.457	4.6	0.06	92	1.12	6.4	78	9.95
1.555					5.0	65	9.88
1.725					3.2	46	10.34
1.667							9.34
1.865							9.85



**WORKS: NPDES Monitoring**

**USS-GARY WORKS: N**

**fall: # 1 Caster**

**Internal Outfall: # 2 Cast**

Lead		Zinc		TSS		Flow MGD	Lead	
Conc ug/L	Load lbs/day	Conc ug/L	Load lbs/day	Conc mg/L	Load lbs/day		Conc ug/L	Comp
Comp		Comp		Comp		Continuous	Comp	
2 / Week		2 / Week		Process Control		Daily	2 / Week	
				5.2	492.82	0.459		
						0.365		
						0.382		
0.42	0.04	< 1.0	< 0.08	9.4	792.70	0.425	0.77	
				6.7	551.91	0.414		
0.44	0.04	< 1.0	< 0.08	4.7	381.12	0.403	0.60	
				5.8	438.40	0.393		
				8.1	651.62	0.423		
						0.395		
						0.378		
0.27	0.02	< 1.0	< 0.09	4.0	349.20	0.426	0.81	
				3.6	299.28	0.395		
0.23	0.02	3.6	0.27	3.5	258.49	0.984	0.56	
				8.5	646.75	0.798		
				3.3	301.44	0.437		
						0.368		
						0.375		
0.30	0.02	2.3	0.18	3.5	268.19	0.402	0.76	
				5.5	453.82	0.407		
0.54	0.04	2.4	0.19	4.4	340.93	0.396	0.84	
				5.0	431.70	0.415		
						0.407		
						0.401		
						0.392		
0.49	0.03	2.7	0.17	5.7	356.58	0.396	0.65	
				3.2	246.87	0.407		
0.42	0.03	4.0	0.33	5.9	486.71	0.400	0.5	
				7.3	602.12	0.393		
				5.1	440.23	0.414		
						0.403		
						0.402		

**NPDES Monitoring**  
**Inter A/B Line**

**USS-GARY WORKS: NPDES Moni**  
**Internal Outfall: # 2 Caster C Line**

Load lbs/day	Zinc		TSS		Flow MGD Continuous	Lead		
	Conc ug/L Comp	Load lbs/day	Conc mg/L Comp	Load lbs/day		Conc ug/L Comp	Load lbs/day	
	2 / Week		Process Control		Daily	2 / Week		
			16	61.336	0.684			
					0.562			
					0.589			
0.003	6.9	0.024	13	46.106	0.648	< 0.15	< 0.001	<
			15	51.842	0.611			
0.002	9.3	0.031	16	53.802	0.611	0.26	0.001	<
			20	65.579	0.486			
			35	123.56	0.644			
					0.600			
					0.601			
0.003	12	0.043	15	53.377	0.668	0.16	0.001	
			14	46.201	0.000			
0.005	7.3	0.060	15	123.19	1.258	0.37	0.004	
			14	93.200	0.591			
			13	47.452	0.688			
					0.586			
					0.581			
0.003	8.5	0.029	9.4	31.542	0.620	0.24	0.001	
			14	47.524	0.633			
0.003	12	0.040	19	62.825	0.623	0.23	0.001	
			18	63.695	0.638			
					0.621			
					0.628			
					0.606			
0.002	10	0.032	16	51.868	0.612	0.24	0.001	
			11	37.006	0.588			
0.002	7.8	0.026	13	42.097	0.589	0.32	0.002	
			20	65.670	0.574			
			11	38.03	0.604			
					0.588			
					0.593			

Monitoring

**USS-GARY WORKS: NPDES Monitoring  
Process Control: PMSP**

Zinc		TSS		Flow MGD Continuous	Lead		Zinc	
Conc ug/L	Load lbs/day	Conc mg/L	Load lbs/day		Conc ug/L	Load lbs/day	Conc ug/L	Comp
2 / Week		Process Control		Daily	2 / Week		2 / Week	
		3.0	17.11	0.035				
				0.035				
				0.035				
1.0	< 0.01	1.4	7.57	0.035	0.42	0.00012	< 1.0	<
		2.9	14.78	0.035				
1.0	< 0.01	2.5	12.74	0.035	2.3	0.00067	6.3	
		2.8	11.35	0.035				
		2.1	11.29	0.035				
				0.035				
				0.035				
3.7	0.02	1.8	10.04	0.035	0.93	0.00027	< 2.1	<
		1.9	0.00	0.035				
4.3	0.05	3.4	35.69	0.035	0.13	0.00004	< 2.1	<
		3.7	18.26	0.035				
		3.7	21.25	0.035				
				0.035				
				0.035				
3.4	0.02	3.8	19.67	0.035	0.45	0.00013	< 2.1	<
		3.9	20.59	0.035				
4.0	0.02	2.4	12.47	0.035	0.16	0.00005	< 2.1	<
		5	24.50	0.035				
				0.035				
				0.035				
				0.035				
3.3	0.02	3.5	17.87	0.035	0.33	0.00010	< 2.1	<
		3.7	18.15	0.035				
3.9	0.02	5.1	25.07	0.035	0.18	0.00005	< 2.1	<
		6.3	30.17	0.035				
		5.9	29.76	0.035				
				0.035				
				0.035				

Load lbs/day	TSS	
	Conc mg/L Comp	Load lbs/day
	Process Control	
	0.72	0.210
0.0003	0.74	0.216
	0.90	0.263
0.0018	1.1	0.321
	0.50	0.146
	0.40	0.117
0.0006	0.40	0.117
	0.92	0.269
0.0006	0.63	0.184
	0.60	0.175
	0.93	0.272
0.001	4.0	1.168
	0.60	0.175
0.001	2.1	0.613
	0.50	0.146
0.001	0.70	0.204
	0.60	0.175
0.001	1.1	0.321
	1.9	0.555
	2.0	0.584