

| | | | | | | | | | | | | | | | | | | | | |
|-------|--|--------------------|---|----|------------------------|----|----------------|----|------------------|--------------|----|---|----|---|-----------|-----------------|-----------------------------|-------------|--|--|
| 00981 | Selenium, total recoverable | Gross | 0 | -- | Req. Value NODI | <= | 0.072 MO AVG | <= | 0.14 DAILY MX | 26 - lb/d | <= | 4.1 MO AVG | <= | 8.2 DAILY MX | 28 - ug/L | 0 | 01/07 - Weekly | COMP24 | | |
| 01094 | Zinc, total recoverable | 1 - Effluent Gross | 0 | -- | Sample | = | 0.04 | = | 0.06 | 26 - lb/d | = | 2.5 | = | 4.5 | 28 - ug/L | 0 | 01/07 - Weekly | 24 - COMP24 | | |
| | | | | | Permit Req. Value NODI | <= | 1.4 MO AVG | <= | 2.8 DAILY MX | 26 - lb/d | <= | 81.0 MO AVG | <= | 160.0 DAILY MX | 28 - ug/L | 0 | 01/07 - Weekly | 24 - COMP24 | | |
| | | | | | Sample | < | 0.004 | = | 0.01 | 26 - lb/d | < | 0.26 | = | 0.67 | 28 - ug/L | 0 | 01/07 - Weekly | 24 - COMP24 | | |
| 01114 | Lead, total recoverable | 1 - Effluent Gross | 0 | -- | Permit Req. Value NODI | <= | 0.15 MO AVG | <= | 0.3 DAILY MX | 26 - lb/d | <= | 8.4 MO AVG | <= | 17.0 DAILY MX | 28 - ug/L | 0 | 01/07 - Weekly | 24 - COMP24 | | |
| | | | | | Sample | < | 0.029 | < | 0.03 | 26 - lb/d | < | 2.0 | < | 2.0 | 28 - ug/L | 0 | 01/07 - Weekly | 24 - COMP24 | | |
| | | | | | Permit Req. Value NODI | | Req Mon MO AVG | | Req Mon DAILY MX | 26 - lb/d | | Req Mon MO AVG | | Req Mon DAILY MX | 28 - ug/L | 0 | 01/07 - Weekly | 24 - COMP24 | | |
| 34247 | Benzo[a]pyrene | 1 - Effluent Gross | 0 | -- | Sample | < | 0.0003 | < | 0.0004 | 26 - lb/d | < | 0.023 | < | 0.024 | 28 - ug/L | 0 | 02/07 - Twice Every Week | 24 - COMP24 | | |
| | | | | | Permit Req. Value NODI | <= | 0.0017 MO AVG | <= | 0.004 DAILY MX | 26 - lb/d | <= | 0.095 MO AVG | <= | 0.23 DAILY MX | 28 - ug/L | 0 | 02/07 - Twice Every Week | 24 - COMP24 | | |
| | | | | | Sample | = | 1.68 | = | 1.81 | 03 - MGD | | | | | 0 | 01/01 - Daily | TM - TOTALZ | | | |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Permit Req. Value NODI | | Req Mon MO AVG | | Req Mon DAILY MX | 03 - MGD | | | | | | 0 | 01/01 - Daily | TM - TOTALZ | | |
| | | | | | Sample | = | 0.0 | < | 0.3 | 26 - lb/d | = | 0.0 | < | 20.0 | 28 - ug/L | 0 | 01/01 - Daily | GR - GRAB | | |
| | | | | | Permit Req. Value NODI | <= | 0.14 MO AVG | <= | 1.1 DAILY MX | 26 - lb/d | <= | 8.0 MO AVG | <= | 60.0 DAILY MX | 28 - ug/L | 0 | 01/01 - Daily | GR - GRAB | | |
| 71901 | Mercury, total recoverable | 1 - Effluent Gross | 2 | -- | Sample | | | | | | | Req Mon ANNL AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/60 - Once Every 2 Months | GR - GRAB | | |
| | | | | | Permit Req. Value NODI | | | | | | | 9 - Conditional Monitoring - Not Required This Period | | 9 - Conditional Monitoring - Not Required This Period | | | | | | |
| | | | | | Sample | < | 45.64 | = | 90.43 | 26 - lb/d | < | 3.2 | = | 6.0 | 19 - mg/L | 0 | 01/07 - Weekly | 24 - COMP24 | | |
| 80082 | BOD, carbonaceous [5 day, 20 C] | 1 - Effluent Gross | 0 | -- | Permit Req. Value NODI | | Req Mon MO AVG | | Req Mon DAILY MX | 26 - lb/d | | Req Mon MO AVG | | Req Mon DAILY MX | 19 - mg/L | 0 | 01/07 - Weekly | 24 - COMP24 | | |
| | | | | | Sample | | | = | 50.43 | 80 - Mgal/mo | | | | | 0 | 01/30 - Monthly | RT - RCOTOT | | | |
| | | | | | Permit Req. Value NODI | | | | Req Mon MO TOTAL | 80 - Mgal/mo | | | | | 0 | 01/30 - Monthly | RT - RCOTOT | | | |

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_015A_MMR_2023_09.pdf | pdf | 294147.0 |

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: 2024-02-28 13:13 (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 0 0 0 2 8 1
 PERMIT NUMBER

0 1 5
 OUTFALL NO.

0 9 2 3
 MO. YR.

| EFFLUENT CHARACTERISTICS | | Phenolics, Total | | Cyanide, Free | | Lead, Total | | Zinc, Total | | | | | | | |
|---|------------------|------------------|--------|---------------|--------|-------------|--------|-------------|--------|-------|-------|-------|-------|---|-----|
| EFFLUENT PARAMETER NUMBER | | Q00680 | C00680 | Q00718 | C00718 | Q01051 | C01051 | Q01094 | C01094 | | | | | | |
| SAMPLE TYPE | Permit Condition | Grab-3 | Grab-3 | Grab-3 | Grab-3 | Comp | Comp | Comp | Comp | | | | | | |
| | Monitored | Grab-3 | Grab-3 | Grab-3 | Grab-3 | Comp | Comp | Comp | Comp | | | | | | |
| FREQUENCY | Permit Condition | 1/7 | 1/7 | 1/7 | 1/7 | 1/7 | 1/7 | 1/7 | 1/7 | | | | | | |
| | Monitored | 1/7 | 1/7 | 1/7 | 1/7 | 1/7 | 1/7 | 1/7 | 1/7 | | | | | | |
| EFFLUENT LIMITATIONS | Permit Minimum | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | | | | | | |
| | Permit Average | Report | Report | 0.10 | 6.7 | Report | Report | Report | Report | | | | | | |
| | Permit Maximum | Report | Report | 0.18 | 13 | Report | Report | Report | Report | | | | | | |
| UNITS | | LB/DAY | UG/L | LB/DAY | UG/L | LB/DAY | UG/L | LB/DAY | UG/L | | | | | | |
| 1 | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | |
| 6 | < | 0.030 | < | 2.0 | < | 0.0054 | < | 0.36 | 0.0030 | 0.20 | 0.047 | 3.1 | | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
| 11 | < | 0.028 | < | 2.0 | 0.0065 | < | 0.45 | 0.0095 | 0.67 | 0.064 | 4.5 | | | | |
| 12 | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | |
| 18 | < | 0.030 | < | 2.0 | 0.0056 | < | 0.37 | < | 0.0022 | < | 0.15 | < | 0.015 | < | 1.0 |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | |
| 25 | < | 0.029 | < | 2.0 | 0.0054 | < | 0.37 | 0.0036 | 0.25 | 0.035 | 2.4 | | | | |
| 26 | | | | | | | | | | | | | | | |
| 27 | < | 0.028 | < | 2.0 | 0.0051 | < | 0.36 | 0.0023 | 0.16 | 0.032 | 2.3 | | | | |
| 28 | | | | | | | | | | | | | | | |
| 29 | < | 0.027 | < | 2.0 | 0.0049 | < | 0.36 | < | 0.0021 | < | 0.15 | 0.023 | 1.7 | | |
| 30 | | | | | | | | | | | | | | | |
| MONTHLY AVERAGE | < | 0.029 | < | 2.0 | 0.0055 | < | 0.38 | < | 0.004 | < | 0.26 | < | 0.04 | < | 2.5 |
| HIGHEST VALUE | < | 0.030 | < | 2.0 | 0.0065 | 0.45 | 0.010 | 0.67 | 0.06 | 4.5 | | | | | |
| LOWEST VALUE | < | 0.027 | < | 2.0 | 0.005 | < | 0.36 | < | 0.002 | < | 0.15 | < | 0.01 | < | 1.0 |
| 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.

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

10/28/2023
 DATE
 WW020987
 CERTIFICATION NO.

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

10/28/2023
 DATE
 Page 14 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

0 1 5

OUTFALL NO.

0 9 2 3

MO. YR.

| EFFLUENT CHARACTERISTICS | | Mercury, Total | | Chlorine, Total Residual | | Temperature, Final | | BOD, Carbonaceous | |
|---|------------------|----------------|------------|--------------------------|--------|--------------------|------------|-------------------|--------|
| EFFLUENT PARAMETER NUMBER | | Q71901 | C71901 | Q50060 | C50060 | Q00011 | C00011 | Q80082 | C80082 |
| SAMPLE TYPE | Permit Condition | Grab | Grab | Grab | Grab | ***** | Grab | Comp | Comp |
| | Monitored | Grab | Grab | Grab | Grab | ***** | Continuous | Comp | Comp |
| FREQUENCY | Permit Condition | Bi-Monthly | Bi-Monthly | Daily | Daily | ***** | 1/7 | 1/7 | 1/7 |
| | Monitored | Bi-Monthly | Bi-Monthly | Daily | Daily | ***** | Continuous | 1/7 | 1/7 |
| EFFLUENT LIMITATIONS | Permit Minimum | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** |
| | Permit Average | Report | Report | 0.11 | 8 | ***** | ***** | Report | Report |
| | Permit Maximum | Report | Report | 0.85 | 60 | ***** | Report | Report | Report |
| UNITS | | LB/DAY | NG/L | LB/DAY | UG/L | | °F | LB/DAY | MG/L |
| | 1 | | | < 0.29 | < 20 | | 86.0 | | |
| | 2 | | | < 0.27 | < 20 | | 87.2 | | |
| | 3 | | | < 0.27 | < 20 | | 86.8 | | |
| | 4 | | | < 0.27 | < 20 | | 86.9 | | |
| | 5 | | | < 0.28 | < 20 | | 86.9 | | |
| | 6 | | | < 0.30 | < 20 | | 85.9 | 90.426 | 6.0 |
| | 7 | | | < 0.29 | < 20 | | 84.3 | | |
| | 8 | | | < 0.28 | < 20 | | 87.0 | | |
| | 9 | | | < 0.27 | < 20 | | 87.4 | | |
| | 10 | | | < 0.27 | < 20 | | 86.5 | | |
| | 11 | | | < 0.28 | < 20 | | 85.5 | 29.879 | 2.1 |
| | 12 | | | < 0.28 | < 20 | | 82.1 | | |
| | 13 | | | < 0.28 | < 20 | | 84.2 | | |
| | 14 | | | < 0.27 | < 20 | | 82.9 | | |
| | 15 | | | < 0.27 | < 20 | | 85.3 | | |
| | 16 | | | < 0.27 | < 20 | | 83.9 | | |
| | 17 | | | < 0.29 | < 20 | | 81.7 | | |
| | 18 | | | < 0.30 | < 20 | | 82.5 | 35.75 | 2.4 |
| | 19 | | | < 0.30 | < 20 | | 82.6 | | |
| | 20 | | | < 0.29 | < 20 | | 82.8 | | |
| | 21 | | | < 0.28 | < 20 | | 81.4 | | |
| | 22 | | | < 0.28 | < 20 | | 82.8 | | |
| | 23 | | | < 0.28 | < 20 | | 83.1 | | |
| | 24 | | | < 0.28 | < 20 | | 82.6 | | |
| | 25 | | | < 0.29 | < 20 | | 82.6 | 39.002 | 2.7 |
| | 26 | | | < 0.29 | < 20 | | 81.2 | | |
| | 27 | | | < 0.28 | < 20 | | 78.6 | 28.189 | < 2.0 |
| | 28 | | | < 0.28 | < 20 | | 68.8 | | |
| | 29 | | | < 0.27 | < 20 | | 71.4 | 50.576 | 3.7 |
| | 30 | | | < 0.27 | < 20 | | 75.3 | | |
| MONTHLY AVERAGE | | NA | NA | 0.00 | 0.00 | | 82.9 | < 45.637 | < 3.2 |
| HIGHEST VALUE | | NA | NA | < 0.30 | < 20 | | 87.4 | 90.426 | 6.0 |
| LOWEST VALUE | | NA | NA | < 0.27 | < 20 | | 68.8 | < 28.189 | < 2.0 |
| NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Highlighted Monthly Averages are LOQ based calculations. 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

10/28/2023

DATE

WW020987

CERTIFICATION NO.

Alexis Piscatelli

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

10/28/2023

DATE
Page 15 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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 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 2 8 1
 PERMIT NUMBER

0 1 5
 OUTFALL NO.

0 9 2 3
 MO. YR.

| EFFLUENT CHARACTERISTICS | | Selenium, Total | | Benzo-a-Pyrene | | | | | |
|---|------------------|-----------------|--------|----------------|---------|---|---|---|---|
| EFFLUENT PARAMETER NUMBER | | Q00981 | C00981 | Q324247 | C324247 | | | | |
| SAMPLE TYPE | Permit Condition | Comp | Comp | Comp | Comp | | | | |
| | Monitored | Comp | Comp | Comp | Comp | | | | |
| FREQUENCY | Permit Condition | 1/7 | 1/7 | 2/7 | 2/7 | | | | |
| | Monitored | 1/7 | 1/7 | 2/7 | 2/7 | | | | |
| EFFLUENT LIMITATIONS | Permit Minimum | ***** | ***** | ***** | ***** | | | | |
| | Permit Average | 0.072 | 4.1 | 0.0017 | 0.095 | | | | |
| | Permit Maximum | 0.14 | 8.2 | 0.0040 | 0.23 | | | | |
| UNITS | | LB/DAY | UG/L | LB/DAY | UG/L | | | | |
| | 1 | | | | | | | | |
| | 2 | | | | | | | | |
| | 3 | | | | | | | | |
| | 4 | | | 0.0003 | < 0.022 | | | | |
| | 5 | | | | | | | | |
| | 6 | 0.020 | 1.3 | 0.0003 | < 0.023 | | | | |
| | 7 | | | | | | | | |
| | 8 | | | | | | | | |
| | 9 | | | | | | | | |
| | 10 | | | | | | | | |
| | 11 | < 0.012 | < 0.85 | 0.0003 | < 0.024 | | | | |
| | 12 | | | | | | | | |
| | 13 | | | 0.0003 | < 0.023 | | | | |
| | 14 | | | | | | | | |
| | 15 | | | | | | | | |
| | 16 | | | | | | | | |
| | 17 | | | | | | | | |
| | 18 | < 0.013 | < 0.85 | 0.0003 | < 0.023 | | | | |
| | 19 | | | | | | | | |
| | 20 | | | 0.0004 | < 0.024 | | | | |
| | 21 | | | | | | | | |
| | 22 | | | | | | | | |
| | 23 | | | | | | | | |
| | 24 | | | | | | | | |
| | 25 | < 0.012 | < 0.85 | 0.0003 | < 0.023 | | | | |
| | 26 | | | | | | | | |
| | 27 | < 0.012 | < 0.85 | 0.0003 | < 0.022 | | | | |
| | 28 | | | | | | | | |
| | 29 | < 0.012 | < 0.85 | 0.0003 | < 0.023 | | | | |
| | 30 | | | | | | | | |
| MONTHLY AVERAGE | | < 0.013 | < 0.93 | < 0.0003 | < 0.023 | | | | |
| HIGHEST VALUE | | 0.020 | 1.3 | < 0.0004 | < 0.024 | | | | |
| LOWEST VALUE | | < 0.012 | < 0.85 | < 0.0003 | < 0.022 | | | | |
| NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Highlighted Monthly Averages are LOQ based calculations. 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

Alexis Piscatelli
 (SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER)

Joseph E. Hanning, Manager Environmental Control

10/28/2023
 DATE

WW020987
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10/28/2023
 DATE