

July 3, 2023

Environmental Programs Coordinator Appleton Wastewater Treatment Facility 2006 East Newberry Street Appleton, Wisconsin 54915-2758

- Attn: Mr. Brian Kreski (electronic) E: <u>Brian.Kreski@Appleton.org</u> Phone: (920) 832-2353 Mobile: (920) 419-0649
- Re: 2023 Second Quarter Compliance Monitoring Report, Industrial User (Wastewater Discharge) Permit #21-24
 N.W. Mauthe Superfund Site
 725 S. Outagamie Street
 Appleton, Wisconsin
 BRRTS ID # 02-45-000127
 Terracon Project No. 58117057

Dear Brian:

Terracon Consultants, Inc. (Terracon) is pleased to submit this quarterly process compliance report for the N.W. Mauthe Superfund site, 725 South Outagamie Street, Appleton, Wisconsin. This report is submitted in conformance with the City of Appleton Industrial User Permit No. 21-24, issued on May 31, 2021. This report covers the period of April 1, 2023, through June 30, 2023, which included monthly effluent compliance monitoring sampling. The monthly results are summarized in the attached Table 1.

The flow monitoring and sampling activities were conducted monthly at the effluent discharge point, prior to Outfall 001. During this reporting period, local limit compliance monitoring samples were collected by the City of Appleton on March 9, 2023, and by Terracon on June 7, 2023, but results from the City sampling are not yet available. Historical results are presented in the attached Table 2.

As noted in the 2012 Fourth Quarter Process Compliance Report the system was replumbed in October 2012. Consequently, a greater volume of water is retained within the equalization tank and sampling occurs directly from the port on the equalization tank discharge pipe. Due to the improvement in the system plumbing, Terracon has collected the composite effluent sample directly from the tank effluent piping during the 2023 sampling events.

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Approximately 250 milliliters (mL) of the collected sample was transferred to a new, clean 250-mL plastic bottle provided by the laboratory. This unfiltered and unpreserved sample was submitted to Pace Analytical (Pace) laboratory (Green Bay, Wisconsin) for analysis of hexavalent chromium. An additional aliquot of the original sample was transferred to a clean, new 250-mL plastic bottle with nitric acid preservative provided by the laboratory. This unfiltered, preserved sample was submitted to Pace for analysis of total dissolved chromium. The laboratory analytic test reports and chain-of-custody record for each of the three monthly sampling rounds (April, May, and June 2023) are attached. After the laboratory samples were prepared, the pH of the remaining collected discharge sample was measured with an Oakton pHTestrs.

The attached table summarizes the total metered discharge readings, pH measurements, and laboratory test results. Monthly discharge totals were calculated by linear interpolation of the actual meter readings. Total discharge during the reporting period was 189,193 gallons with a mean daily flow of approximately 2,079 gallons per day. Based on the laboratory results, there were no exceedances during this reporting period from Outfall 001.

Dave M. Hassman. performed all the sample collection and monitoring during this reporting period. The following certification statement is required by Section 2 0-106, Chapter 20, Utilities:

"I (Scott Hodgson) certify under penalty of law that this document and all attachments were prepared under my direction or supervision in conformance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or 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."

If you have questions regarding the attached invoice or system operation, please contact our office at (414) 423-0255 or contact Scott directly at (414) 209-7640 (email <u>Scott.Hodgson@terracon.com</u>) if you have any questions or comments regarding the information provided or need additional information.

2023 Second Quarter Process Compliance Report N.W. Mauthe Superfund Site | Appleton, Wisconsin July 3, 2023 | Terracon Project No. 58117057



Sincerely, Terracon Consultants, Inc.

Scott A. Hodgson, P.G. Senior Project Manager

Attachments: Table 1 Table 2 Laboratory Analytic Test Reports

Copies to: Gwen Saliares, WDNR-Oshkosh (electronic) File (electronic)

SAH: sah/N: \PROJECTS\2011\58117057\WORKING FILES\PRE-TREATMENT PERMIT\PROCESS COMPLIANCE REPORTS\TERRACON 2023\SECOND QUARTER\SECOND QUARTER 2023 PROCESS COMPLIANCE.DOCX

| | | | OUT | FALL 001 | | | | Ма | nhole | #1 | M | anho | le #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| 09/25/07 | 40/04/07 | 8,290,363 | | | | | | | | | | | |
| 10/01/07 | 10/01/07 | 8,300,685 8,301,251 | 10,888 | | | | | | | | | | - |
| 10/01/07 | | 8,301,251 | 0 | | 7.7 | | | | | | | | |
| 10/15/07 | | 8,324,675 | 23,424 | | | | | | | | | | |
| 10/16/07 | | 8,324,675 | 0 | | 7.4 | 1.700 | | | 6.93 | 3.9 | | 7.30 | 0.60 |
| 10/22/07 | | 8,355,957 | 31,282 | | | | | | | | | | |
| 10/23/07 | | 8,355,957 | 0 | | 7.5 | 1.500 | | | 7.04 | 3.75 | | NA | NA |
| 10/29/07 10/30/07 | | 8,370,413 8,370,413 | 14,456 | October | 7.4 | 1.900 | | | NA | NA | | NA | NA |
| 10/30/07 | 11/01/07 | 8,370,413 | 0 | 71,891 | 7.4 | 1.900 | | | INA | NA | | INA | NA |
| 11/05/07 | 11/01/01 | 8,377,912 | 7,499 | | | | | | | | | | |
| 11/06/07 | | 8,377,912 | 0 | November | 8.3 | 1.900 | 1.300 | | 7.8 | 4.30 | | 8.2 | 0.18 |
| 11/16/07 | | 8,386,583 | 8,671 | 21,587 | | | | | | | | | |
| | 12/01/07 | 8,394,162 | | | | | | | | | | | |
| 12/03/07 | | 8,395,372 | 8,789 | | 0.0 | 0.400 | 0.500 | | 0.1 | | | 0.0 | |
| 12/04/07 12/12/07 | | 8,395,372 8,399,522 | 0 4,150 | December | 8.6 | 3.100 | 2.500 | | 8.4 | 4.60 | | 8.6 | 0.16 |
| 12/12/07 | | 8,399,322 | 2,986 | 25,977 | | | | | | | | | |
| 12/2 1/07 | 01/01/08 | 8,420,139 | 2,000 | 20,011 | | | | | | | | | |
| 01/01/08 | 01/01/00 | 8,420,868 | 18,360 | | | | | | | | | | |
| 01/02/08 | | 8,420,868 | 0 | | 8.7 | 1.300 | 1.200 | | 8.4 | 4.50 | | 8.7 | 0.62 |
| 01/02/08 | | 8,421,628 | 760 | | | | | | | | | | |
| 01/10/08 | | 8,459,333 | 37,705 | | | | | | | | | | |
| 01/15/08 | | 8,479,244 | 19,911 17,819 | January | | | | | | | | | |
| 01/25/08 | 02/01/08 | 8,497,063 8,504,750 | 17,819 | 84,612 | | | | | | | | | |
| 02/01/08 | 02/01/00 | 8,505,562 | 8,499 | | | | | | | | | | |
| 02/03/08 | | 8,507,408 | 1,846 | February | | | | | | | | | |
| 02/04/08 | | 8,507,408 | 0 | 22,861 | 8.9 | 1.700 | 1.600 | | 8.7 | 2.60 | | 8.8 | 0.70 |
| | 03/01/08 | 8,527,611 | | | | | | | | | | | |
| 03/02/08 | | 8,528,931 | 21,523 | March | 9.0 | 2.9 | 2.500 | | 8.7 | 3.60 | | 8.8 | 2.50 |
| 03/31/08 | 04/04/00 | 8,653,211 | 124,280 | 128,713 | | | | | | | | | |
| 04/01/08 | 04/01/08 | 8,656,324 8,657,629 | 4,418 | | 9.0 | 1.6 | 1.530 | | 8.7 | 1.60 | | 8.9 | 1.45 |
| 04/01/08 | | 8,661,298 | 3,669 | | 3.0 | 1.0 | 1.550 | | 0.7 | 1.00 | | 0.5 | 1.45 |
| 04/04/08 | | 8,682,788 | 21,490 | | | | | | | | | | |
| 04/07/08 | | 8,697,084 | 14,296 | | | | | | | | | | |
| 04/08/08 | | 8,697,084 | 0 | | 9.1 | 0.063 | | | 8.7 | 1.40 | | 8.9 | 0.54 |
| 04/14/08 | | 8,790,128 | 93,044 | | | 0.00 | | | 07 | | | 0.0 | |
| 04/15/08 04/15/08 | | 8,790,128 8,797,710 | 0 7,582 | | 9.1 | 0.36 | | Installed | 8.7 | 0.90 | Installed | 8.8 | 0.17 |
| 04/15/08 | | 8,797,710 | | | | | | 1,074 | | | 2,804 | | |
| 04/16/08 | | 8,806,972 | 2,447 | | 1 | | | 1,589 | | | 3,661 | | 1 |
| 04/21/08 | | 8,826,834 | 19,862 | | | | | 5,176 | | | 11,176 | | |
| 04/22/08 | | 8,826,834 | 0 | | 9.1 | 0.87 | | 5,649 | 8.8 | 0.95 | 12,292 | 8.9 | 0.55 |
| 04/28/08 | | 8,860,276 | 33,442 | April | | 0 | | 13,291 | | - · · | 36,802 | | |
| 04/29/08 | 05/01/08 | 8,860,276 | 0 | 212,193 | 9.1 | 0.51 | | 14,721 | 8.8 | 0.96 | 40,534 | 9.1 | 0.43 |
| 05/05/08 | 05/01/08 | 8,868,517 8,890,994 | 30,718 | | | | | 22,372 | | | 59,203 | | |
| 05/06/08 | | 8,890,994 | 0 | | 9.1 | 0.95 | 0.679 | 22,372 | 8.7 | 1.14 | 60,259 | 8.8 | 0.62 |
| 05/12/08 | | 8,907,573 | 16,579 | | | | | 28,018 | | | 70,853 | | |
| 05/13/08 | | 8,907,573 | 0 | | 9.2 | 0.69 | | 28,487 | 8.8 | 1.00 | 71,555 | 9.0 | 0.34 |
| 05/19/08 | | 8,920,045 | 12,472 | | | | | 32,756 | | | 79,328 | | |
| 05/20/08 | | 8,920,045 | 0 | | 9.1 | 0.74 | | 33,225 | 8.8 | 0.96 | 80,376 | 8.9 | 0.27 |
| 05/26/08 | | 8,929,582 | 9,537 | May | 0.0 | 0.00 | | 36,557 | | 4.04 | 85,277 | | 0.40 |
| 05/27/08 | 06/01/08 | 8,929,582 8,935,384 | 0 | 66,866 | 9.0 | 0.60 | | 37,025 | 8.9 | 1.04 | 85,979 | 8.9 | 0.16 |
| 06/02/08 | 00/01/08 | 8,936,965 | 7,383 | | | | | 39,411 | | | 90,202 | | |
| 06/03/08 | | 8,936,965 | 0 | | 9.3 | 0.90 | 0.824 | 39,876 | 9.0 | 1.06 | 90,202 | 9.0 | 0.54 |
| 06/09/08 | _ | 8,951,078 | 14,113 | | | | | 43,187 | | | 101,102 | | |
| 06/10/08 | | 8,951,078 | 0 | | 9.2 | 0.85 | | 44,118 | 9.0 | 1.53 | 106,505 | 9.0 | 0.38 |
| 06/11/08 | | 8,960,258 | 9,180 | | | ļ | | 45,176 | | | 112,396 | | ļ |

| | | | OUTI | FALL 001 | | | | Ма | nhole | #1 | м | anho | le #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|----------|---|--|--|-------|---|--|------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| 06/16/08 | | 8,999,813 | 39,555 | | | | | 52,865 | | | 140,673 | | |
| 06/16/08 | | 8,999,813 | 0 | | | | | 52,865 | | | 141,398 | | |
| 06/17/08 | | 8,999,813 | 0 | | 9.2 | 1.4 | | 53,808 | 9.1 | 3.40 | 143,560 | 9.1 | 0.33 |
| 06/18/08 | | 9,007,718 | 7,905 | | | | | 54,790 | | | 146,825 | | |
| 06/23/08 | | 9,016,923 | 9,205 | | | | | 57,605 | ~ 1 | 0.50 | 153,557 | | |
| 06/24/08 06/30/08 | | 9,016,923 9,026,850 | 9,927 | June | 9.3 | 0.20 | | 58,074 61,392 | 9.1 | 2.50 | 154,613 160,227 | 9.0 | 0.14 |
| 06/30/08 | | 9,026,850 | 9,927 | 91,466 | | | | 61,392 | | | 160,227 | | |
| 00/30/00 | 07/01/08 | 9,026,850 | 0 | 51,400 | | | | 01,332 | | | 100,070 | | |
| 07/01/08 | .,,., | 9,026,850 | 0 | | 9.3 | 1.4 | 1.290 | 61,861 | 9.0 | 2.45 | 161,266 | 9.1 | 0.58 |
| 07/07/08 | | 9,035,952 | 9,102 | | | | | 64,701 | | | 166,481 | | |
| 07/08/08 | | 9,035,952 | 0 | | 9.4 | 1.2 | | 65,168 | 9.1 | 1.90 | 167,518 | 9.2 | 1.05 |
| 07/10/08 | | 9,041,071 | 5,119 | | | | | 66,138 | | | 170,315 | | ļ] |
| 07/14/08 | | 9,054,932 | 13,861 | | <u> </u> | | | 68,973 | | | 182,057 | | ļ |
| 07/15/08 | | 9,054,932 | 0 | | 9.4 | 0.82 | | 69,444 | 9.0 | 1.80 | 184,517 | 9.2 | 0.54 |
| 07/21/08 | | 9,083,663 | 28,731 | | 0.4 | 0.74 | | 74,198 | 0.0 | 0.50 | 206,929 211,453 | 0.0 | 0.04 |
| 07/22/08 07/25/08 | | 9,083,663 9,114,297 | 30,634 | | 9.4 | 0.74 | | 75,898 81,242 | 9.2 | 2.52 | 230,374 | 9.2 | 0.31 |
| 07/28/08 | | 9,121,075 | 6,778 | | | | | 83,136 | | | 235,668 | | |
| 07/29/08 | | 9,121,075 | 0,770 | | 7.4 | 0.70 | | 83,609 | 7.2 | 3.30 | 237,073 | 7.2 | 0.30 |
| 07/29/08 | | 9,123,409 | 2,334 | July | | | | 83,646 | | | 237,455 | | |
| | 08/01/08 | 9,127,730 | · · · · | 100,880 | | | | | | | | | |
| 08/04/08 | | 9,137,140 | 13,731 | | | | | 87,426 | | | 248,221 | | |
| 08/05/08 | | 9,137,140 | 0 | | 7.6 | 1.30 | 1.260 | 87,426 | 7.2 | 2.72 | 250,342 | 7.2 | 0.41 |
| 08/05/08 | | 9,141,581 | 4,441 | | | | | 87,938 | | | 252,120 | | |
| 08/09/08 | | 9,151,886 | 10,305 | | | | | 90,785 | | | 260,213 | | |
| 08/11/08 | | 9,154,723 | 2,837 | | 7.5 | 1.0 | | 91,732 | 7.0 | 0.45 | 262,298 | 7.0 | 0.05 |
| 08/12/08 08/13/08 | | 9,154,723 9,157,388 | 0 2,665 | | 7.5 | 1.2 | | 92,206 92,710 | 7.2 | 2.45 | 263,337 264,058 | 7.3 | 0.25 |
| 08/18/08 | | 9,157,388 | 5,316 | | | | | 92,710 | | | 264,038 | | |
| 08/19/08 | | 9,162,704 | 0 | | 7.5 | 0.98 | | 95,077 | 7.2 | 2.08 | 268,595 | 7.2 | 0.20 |
| 08/19/08 | | 9,163,932 | 1,228 | | | | | 95,106 | | | 268,623 | | |
| 08/21/08 | | 9,166,109 | 2,177 | | | | | 96,049 | | | 270,020 | | |
| 08/24/08 | | 9,168,274 | 2,165 | | | | | 96,993 | | | 271,417 | | |
| 08/26/08 | | 9,168,274 | 0 | August | 7.5 | 1.1 | | 97,465 | 7.1 | 2.25 | 272,112 | 7.1 | 0.22 |
| | 09/01/08 | 9,173,323 | | 45,593 | | | | | | | | | |
| 09/01/08 | | 9,173,586 | 5,312 | | | | | 99,390 | | | 274,587 | | |
| 09/02/08 | | 9,173,586 | 0 | | 7.6 | 1.4 | 1.290 | 99,863 | 7.3 | 2.50 | 274,936 | 7.3 | 0.21 |
| 09/02/08 | | 9,174,445 9,176,960 | 859 2,515 | | | | | 99,894 100,837 | | | 274,962 276,718 | | <u> </u> |
| 09/08/08 | | 9,176,960 | 2,315 | | 7.5 | 1.3 | | 100,837 | 7.2 | 2.25 | 276,718 | 7.3 | 0.16 |
| 09/15/08 | | 9,182,218 | 5,258 | | 1.5 | 1.0 | | 101,310 | 2 | 2.23 | 279,911 | 1.0 | 0.10 |
| 09/16/08 | | 9,182,218 | | | 7.6 | 1.3 | | 103,731 | 7.3 | 2.60 | 280,611 | 7.6 | 0.37 |
| 09/18/08 | | 9,185,245 | 3,027 | | | | | 104,715 | | | 281,689 | | |
| 09/22/08 | | 9,187,538 | 2,293 | | | | | 105,663 | | | 283,095 | | |
| 09/23/08 | | 9,187,538 | | | 7.5 | 1.6 | | 106,137 | 7.3 | 3.05 | 283,475 | 7.5 | 0.17 |
| 09/28/08 | | 9,191,553 | 4,015 | | | | | 107,560 | | | 285,589 | | |
| 09/30/08 | 10/01/07 | 9,191,553 | 0 | September | 7.6 | 1.8 | | 108,035 | 7.4 | 3.70 | 285,942 | 7.4 | 0.18 |
| 10/05/00 | 10/01/08 | 9,192,867 | 0.707 | 19,545 | | | | 100 500 | | | 207 202 | | <u> </u> |
| 10/05/08 10/07/08 | | 9,195,280 9,195,280 | 3,727 | | 7.7 | 2.2 | 2.000 | 109,500 109,975 | 7.4 | 4.38 | 287,383 288,093 | 7.8 | 0.12 |
| 10/07/08 | | 9,195,280 | 1,241 | | 1.1 | 2.2 | 2.000 | 1109,975 | 1.4 | 4.30 | 288,124 | 1.0 | 0.12 |
| 10/10/08 | | 9,200,017 | 3,496 | | 1 | | | 110,965 | | | 290,943 | | |
| 10/12/08 | | 9,200,017 | 0,400 | | 1 | | | 111,919 | | | 291,644 | | 1 |
| 10/14/08 | _ | 9,200,017 | 0 | | 7.8 | 1.9 | | 112,396 | 7.5 | 3.48 | 292,698 | 7.8 | 0.27 |
| 10/16/08 | | 9,204,404 | 4,387 | | | | | 112,906 | | | 293,436 | | |
| 10/18/08 | | 9,206,201 | 1,797 | | | | | 113,861 | | | 294,504 | | |
| 10/21/08 | | 9,206,201 | 0 | | 7.8 | | | 114,337 | 7.5 | 4.02 | 295,563 | 7.9 | 0.28 |
| 10/22/08 | | 9,208,980 | 2,779 | | | | | 114,848 | | | 296,250 | | |
| 10/26/08 | | 9,211,601 | 2,621 | | 1 | | | 116,279 | | | 297,676 | | |

| | | | ουτι | FALL 001 | | | | Ma | nhole | #1 | N | lanho | le #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|----------|---|--|--|-------|---|--|----------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| 10/28/08 | | 9,211,601 | 0 | October | 7.9 | 2.0 | | 116,756 | 7.7 | 3.96 | 298,743 | 8.2 | 0.26 |
| | 11/01/08 | 9,214,938 | | 22,071 | | | | | | | | | |
| 11/01/08 | | 9,215,379 | 3,778 | | | | | 117,743 | | | 300,201 | | |
| 11/04/08 | | 9,215,379 | 0 | | 8.0 | 2.1 | 1.880 | 118,698 | 7.7 | 4.32 | 301,273 | 8.1 | 0.20 |
| 11/04/08 11/07/08 | | 9,217,467 9,219,330 | 2,088 1,863 | | | | | 118,732 119,685 | | | 301,305 302,376 | | - |
| 11/10/08 | | 9,220,422 | 1,003 | | | | | 120,162 | | | 303,090 | | |
| 11/20/08 | | 9,229,031 | 8,609 | | | | | 123,506 | | | 309,112 | | |
| 11/24/08 | | 9,231,935 | 2,904 | | | | | 124,939 | | | 310,833 | | |
| 11/24/08 | | 9,232,260 | 325 | | | | | 124,939 | | | 311,189 | | |
| 11/26/08 | | 9,233,464 | 1,204 | | | | | 125,702 | | | 311,660 | | |
| 11/28/08 | 12/01/02 | 9,234,926 9,2 <i>34,9</i> 26 | 1,462 | November | | | | 126,192 | | | 312,744 | | |
| 12/02/08 | 12/01/08 | 9,234,926 | 0 | 19,988 | 8.2 | 2.3 | 2.190 | 127,656 | 7.8 | 3.57 | 314,118 | 8.3 | 0.18 |
| 12/02/08 | | 9,242,670 | 7,744 | | 0.2 | 2.5 | 2.130 | 130,122 | 7.0 | 5.57 | 316,912 | 0.0 | 0.10 |
| 12/17/08 | | 9,247,587 | 4,917 | December | | | | 131,563 | | | 320,808 | | |
| | 01/01/09 | 9,266,230 | | 31,304 | | | | | | | | | |
| 01/02/09 | | 9,268,140 | 20,553 | | | | | 136,435 | | | 338,229 | | |
| 01/06/09 | | 9,268,140 | 0 | | 7.8 | 2.5 | 2.430 | 137,894 | 7.7 | 4.48 | 341,351 | 7.8 | 1.05 |
| 01/12/09 | 02/01/09 | 9,277,419 9,287,182 | 9,279 | January 20,952 | | | | 139,384 | | | 344,897 | | |
| 02/01/09 | 02/01/09 | 9,287,182 | 9,907 | 20,952 | | | | 143,256 | | | 351,798 | | |
| 02/03/09 | | 9,287,326 | 0 | | 7.8 | 3.3 | 2.900 | 143,738 | 7.9 | 4.69 | 352,143 | 8.2 | 0.34 |
| 02/05/09 | | 9,288,848 | 1,522 | February | | | | 143,772 | | | 352,912 | | |
| | 03/01/09 | 9,334,332 | | 47,151 | | | | | | | | | |
| 03/01/09 | | 9,335,249 | 46,401 | | | | | 153,077 | | | 393,568 | | |
| 03/03/09 | | 9,335,249 | 0 | | 7.6 | 2.4 | 1.970 | 153,561 | 7.9 | 4.24 | 394,973 | 8.2 | 0.87 |
| 03/11/09 03/30/09 | | 9,355,734 9,463,572 | 20,485 107,838 | | | | | 156,519 182,357 | | | 412,282 500,471 | | |
| 03/30/09 | | 9,463,572 | 107,838 | March | | | | 182,337 | | | 501,935 | | |
| 00/01/00 | 04/01/09 | 9,467,680 | 0 | 133,348 | | | | 100,020 | | | 001,000 | | |
| 04/01/09 | | 9,469,538 | 5,966 | , | | | | 184,290 | | | 504,856 | | |
| 04/03/09 | | 9,478,305 | 8,767 | | | | | 187,194 | | | 511,375 | | |
| 04/06/09 | | 9,485,542 | 7,237 | | | | | 189,607 | | | 516,807 | | |
| 04/07/09 | | 9,485,542 | 0 | | 7.7 | 0.84 | 0.730 | 190,569 | 7.9 | 1.14 | 518,251 | 8.1 | 0.52 |
| 04/13/09 04/14/09 | | 9,498,358 9,498,358 | 12,816 | | 7.7 | 0.59 | | 194,432 194,908 | 8.0 | 1.20 | 525,799 525,799 | 8.2 | 0.27 |
| 04/14/09 | | 9,507,740 | 9,382 | | 1.1 | 0.59 | | 194,908 | 0.0 | 1.20 | 532,295 | 0.2 | 0.21 |
| 04/21/09 | | 9,507,740 | 0 | | 7.8 | 1.0 | | 198,262 | 8.0 | 0.96 | 533,364 | 8.3 | 1.74 |
| 04/27/09 | | 9,545,303 | 37,563 | | | | | 208,646 | | | 561,846 | | |
| 04/28/09 | | 9,545,303 | 0 | | 8.0 | 1.2 | | 210,663 | 7.7 | 1.89 | 566,157 | 7.5 | 0.28 |
| | 05/01/09 | 9,568,209 | | April | ļ | | | | | | | <u> </u> | |
| 05/01/09 | | 9,574,025 | | 100,528 | | | | 217,567 | | | 582,471 | | |
| 05/04/09 05/05/09 | | 9,582,624 9,582,624 | 8,599 0 | | 7.6 | 0.76 | 0.724 | 220,929 221,884 | 8.0 | 1.29 | 588,270 589,714 | 8.0 | 0.33 |
| 05/05/09 | | 9,582,624 | 16,547 | | 7.0 | 0.70 | 0.724 | 227,884 | 0.0 | 1.29 | 599,566 | 0.0 | 0.33 |
| 05/12/09 | | 9,599,171 | 0 | | 8.0 | 0.89 | | 228,124 | 7.6 | 0.84 | 600,996 | 7.9 | 0.24 |
| 05/18/09 | | 9,613,720 | 14,549 | | | | | 232,921 | | | 609,305 | | |
| 05/19/09 | | 9,613,720 | | | 7.4 | 0.79 | | 233,874 | 7.0 | 0.84 | 610,378 | 7.2 | 0.38 |
| 05/19/09 | | 9,615,798 | | | | | | 233,908 | | | 610,421 | <u> </u> | |
| 05/19/09 | | 9,616,122 | 324 | | <u> </u> | | | 233,908 | | | 610,775 | <u> </u> | |
| 05/25/09 05/26/09 | | 9,624,219 9,624,219 | | | 7.3 | 0.58 | | 237,697 238,168 | 7.1 | 1.08 | 615,786 616,149 | 7.0 | 0.16 |
| 00/20/09 | 06/01/09 | 9,650,519 | 0 | May | 1.5 | 0.00 | | 200,100 | (.1 | 1.00 | 010,149 | 7.0 | 0.10 |
| 06/01/09 | 20,01,00 | 9,652,323 | 28,104 | 82,310 | 1 | | | 245,914 | | | 637,378 | 1 | 1 |
| 06/02/09 | | 9,652,323 | 0 | | 7.3 | 0.23 | 0.648 | 246,871 | 6.9 | 1.05 | 638,835 | 7.2 | 0.26 |
| 06/03/09 | | 9,658,104 | | | | | | 248,350 | | | 641,072 | | |
| 06/15/09 | | 9,701,735 | 43,631 | | ļ | | | 261,249 | | | 674,466 | <u> </u> | |
| 07/04/07 | 07/01/09 | 9,727,520 | 00.045 | June | | | | 070 000 | | | 004.041 | <u> </u> | |
| 07/01/09 07/05/09 | | 9,727,975 | 1 | 77,001 | | | | 272,082 273,967 | | | 691,914 694,431 | | <u> </u> |
| 07/05/09 | | 9,732,032 | 4,057 | | 7.4 | 0.96 | 0.878 | 273,967 274,443 | 7.1 | 2.20 | 695,508 | 7.1 | 0.20 |
| 07/20/09 | | 9,742,289 | | | | 0.00 | 0.070 | 278,743 | · · · | 2.20 | 700,527 | | 0.20 |

| For L Date Actual For L Interpol 0 08/03/09 0 08/04/09 0 08/08/09 0 08/08/09 0 08/08/09 0 08/10/09 0 08/10/09 0 08/11/09 0 08/12/09 0 08/13/09 0 08/13/09 0 08/13/09 0 08/13/09 0 08/13/09 0 08/13/09 0 08/13/09 0 08/13/09 0 09/01/09 0 09/01/09 0 09/10/09 0 09/21/09 1 10/05/09 1 10/05/09 1 11/02/09 1 11/102/09 1 11/11/09 1 11/12/09 1 11/20/09 1 11/20/09 1 | Date Linear polation 08/01/09 09/01/09 09/01/09 10/01/09 10/01/09 11/01/09 | Metered Discharge Reading (gallons) 9,749,397 9,749,397 9,752,139 9,753,763 9,757,508 9,761,523 9,762,328 9,762,328 9,762,328 9,762,328 9,767,253 9,771,256 9,787,043 9,787,043 9,787,043 9,787,043 9,787,042 9,794,060 9,800,194 9,800,194 9,800,194 9,807,491 9,811,856 9,827,819 9,830,464 9,875,106 9,875,106 | Gallons Discharged Between Meter Reading 7,108 0 2,742 1,624 3,745 4,064 756 3,523 1,402 4,003 14,481 1,615 6,708 6,134 0 7,297 4,365 0 0 15,963 2,645 | Monthly Discharge (gallons) July 20,712 August 38,811 September 19,906 | pH 7.5 | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] 1.9 1.9 | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] 1.680 1.680 | Flow Totalizer #1 Reading (gallons) 282,543 283,019 284,005 284,480 284,962 285,930 286,411 286,411 286,411 287,368 287,846 289,758 295,976 299,850 303,204 303,684 | pH | Hexavalent Chromium Hach Test Kit (mg/L) 2.80 | 706,115 707,282 710,677 714,131 714,491 717,355 718,430 720,916 730,538 731,650 735,572 738,803 | рН 7.3 | Hexavalent Chromium Hach Test Kit (mg/L) 0.14 |
|---|--|---|--|--|-----------|---|--|--|-----------|---|---|-----------|---|
| 08/03/09 08/04/09 08/08/09 08/08/09 08/09/09 08/09/09 08/10/09 08/10/09 08/11/09 08/12/09 08/12/09 08/13/09 08/13/09 08/11/09 08/11/09 08/11/09 08/11/09 08/11/09 08/11/09 08/11/09 09/01/09 09/01/09 09/01/09 09/10/09 09/10/09 10/05/09 10/05/09 10/05/09 10/05/09 10/05/09 10/05/09 11/02/09 11/02/09 11/02/09 11/10/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 <t< th=""><th>09/01/09</th><th>9,749,397 9,749,397 9,752,139 9,753,763 9,757,508 9,761,572 9,762,328 9,762,328 9,762,328 9,762,328 9,771,256 9,787,043 9,787,043 9,787,043 9,787,043 9,784,060 9,800,194 9,800,194 9,800,194 9,800,194 9,807,491 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106</th><th>0 2,742 1,624 3,745 4,064 756 3,523 1,402 4,003 14,481 1,615 6,708 6,134 0 7,297 4,365 0 15,963</th><th>20,712 August 38,811 September</th><th>7.6</th><th></th><th></th><th>283,019 284,005 284,480 284,962 285,930 286,411 287,368 289,758 295,976 </th><th></th><th></th><th>704,768 706,115 707,282 710,677 714,131 714,491 717,355 718,430 720,916 730,538 731,650 735,572 738,803</th><th></th><th></th></t<> | 09/01/09 | 9,749,397 9,749,397 9,752,139 9,753,763 9,757,508 9,761,572 9,762,328 9,762,328 9,762,328 9,762,328 9,771,256 9,787,043 9,787,043 9,787,043 9,787,043 9,784,060 9,800,194 9,800,194 9,800,194 9,800,194 9,807,491 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 0 2,742 1,624 3,745 4,064 756 3,523 1,402 4,003 14,481 1,615 6,708 6,134 0 7,297 4,365 0 15,963 | 20,712 August 38,811 September | 7.6 | | | 283,019 284,005 284,480 284,962 285,930 286,411 287,368 289,758 295,976 | | | 704,768 706,115 707,282 710,677 714,131 714,491 717,355 718,430 720,916 730,538 731,650 735,572 738,803 | | |
| 08/04/09 08/08/09 08/08/09 08/08/09 08/10/09 08/10/09 08/12/09 08/12/09 08/12/09 08/12/09 08/12/09 08/12/09 08/12/09 08/12/09 08/12/09 08/12/09 08/12/09 09/01/09 09/01/09 09/10/09 09/21/09 09/21/09 10/05/09 10/06/09 10/15/09 10/15/09 11/02/09 11/02/09 11/02/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 11/20/09 11/20/09 | 10/01/09 | 9,749,397 9,752,139 9,753,763 9,757,508 9,761,572 9,762,328 9,765,851 9,767,253 9,771,256 9,787,043 9,787,352 9,787,043 9,787,352 9,794,060 9,800,194 9,800,194 9,800,194 9,800,194 9,807,491 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 0 2,742 1,624 3,745 4,064 756 3,523 1,402 4,003 14,481 1,615 6,708 6,134 0 7,297 4,365 0 15,963 | August 38,811 September | 7.6 | | | 283,019 284,005 284,480 284,962 285,930 286,411 287,368 289,758 295,976 | | | 704,768 706,115 707,282 710,677 714,131 714,491 717,355 718,430 720,916 730,538 731,650 735,572 738,803 | | |
| 08/08/09 08/08/09 08/09/09 08/10/09 08/10/09 08/12/09 08/13/09 08/13/09 08/13/09 08/13/09 08/13/09 08/13/09 08/13/09 08/13/09 08/13/09 08/12/09 09/01/09 09/01/09 09/21/09 09/21/09 10/05/09 10/05/09 10/15/09 10/05/09 11/02/09 11/02/09 11/02/09 11/02/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 11/20/09 11/2/09 | 10/01/09 | 9,752,139 9,753,763 9,757,508 9,761,572 9,762,328 9,767,253 9,771,256 9,787,043 9,787,043 9,787,352 9,794,060 9,800,194 9,800,194 9,800,194 9,800,194 9,807,491 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 2,742 1,624 3,745 4,064 756 3,523 1,402 4,003 14,481 1,615 6,708 6,134 0 7,297 4,365 0 15,963 | 38,811 September | 7.6 | | | 284,005 284,480 284,962 285,930 286,411 287,368 289,758 295,976 | | | 706,115 707,282 710,677 714,131 714,491 717,355 718,430 720,916 730,538 731,650 735,572 738,803 | | |
| 08/08/09 08/09/09 08/10/09 08/10/09 08/12/09 08/13/09 08/13/09 08/13/09 08/13/09 08/13/09 08/13/09 08/13/09 08/13/09 08/13/09 09/11/09 09/11/09 09/21/09 09/22/09 1 10/05/09 10/05/09 10/05/09 10/05/09 10/05/09 11/02/09 11/02/09 11/02/09 11/02/09 11/02/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 11/20/09 11/20/09 12/01/09 | 10/01/09 | 9,753,763 9,757,508 9,761,572 9,762,328 9,767,253 9,767,253 9,771,256 9,785,737 9,787,043 9,787,043 9,787,052 9,794,060 9,800,194 9,800,194 9,800,194 9,800,194 9,807,491 9,811,856 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 1,624 3,745 4,064 756 3,523 1,402 4,003 14,481 1,615 6,708 6,134 0 7,297 4,365 0 15,963 | 38,811 September | | 1.6 | 1.320 | 284,480 284,962 285,930 286,411 287,368 287,846 289,758 295,976 296,492 299,850 303,204 | 7.1 | 2.85 | 707,282 710,677 714,131 714,491 717,355 718,430 720,916 730,538 731,650 735,572 738,803 | 7.4 | 0.53 |
| 08/09/09 08/10/09 08/10/09 08/12/09 08/13/09 08/17/09 08/17/09 08/17/09 08/17/09 08/17/09 08/17/09 08/17/09 09/01/09 09/10/09 09/21/09 09/22/09 10/15/09 10/05/09 10/18/09 11/02/09 11/02/09 11/03/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 11/20/09 | 10/01/09 | 9,757,508 9,761,572 9,762,328 9,767,253 9,771,256 9,785,737 9,787,043 9,787,043 9,787,352 9,794,060 9,800,194 9,800,194 9,800,194 9,807,491 9,811,856 9,811,856 9,811,856 9,830,464 9,871,202 9,875,106 | 3,745 4,064 756 3,523 1,402 4,003 14,481 1,615 6,708 6,134 0 7,297 4,365 0 15,963 | 38,811 September | | 1.6 | 1.320 | 284,962 285,930 286,411 287,368 289,758 295,976 295,976 296,492 299,850 303,204 | 7.1 | 2.85 | 710,677 714,131 714,491 717,355 718,430 720,916 730,538 731,650 735,572 738,803 | 7.4 | 0.53 |
| 08/10/09 08/10/09 08/12/09 08/13/09 08/17/09 08/17/09 09/01/09 09/21/09 09/21/09 09/21/09 09/21/09 10/109 10/05/09 10/15/09 10/15/09 11/02/09 11/03/09 11/03/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 | 10/01/09 | 9,761,572 9,762,328 9,767,253 9,767,253 9,771,256 9,785,737 9,787,043 9,787,043 9,787,043 9,787,043 9,787,043 9,787,043 9,870,194 9,800,194 9,800,194 9,800,194 9,800,194 9,807,491 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 4,064 756 3,523 1,402 4,003 14,481 1,615 6,708 6,134 0 7,297 4,365 0 15,963 | 38,811 September | | 1.6 | 1.320 | 285,930 286,411 287,368 287,846 289,758 295,976 296,492 299,850 303,204 | 7.1 | 2.85 | 714,131 714,491 717,355 718,430 720,916 730,538 731,650 735,572 738,803 | 7.4 | 0.53 |
| 08/10/09 08/12/09 08/12/09 08/13/09 08/30/09 09/01/09 09/01/09 09/21/09 09/22/09 10/05/09 10/05/09 10/15/09 10/15/09 11/02/09 11/02/09 11/04/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 | 10/01/09 | 9,762,328 9,765,851 9,767,253 9,771,256 9,787,043 9,787,043 9,787,043 9,787,043 9,787,043 9,787,043 9,800,194 9,800,194 9,800,194 9,807,491 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 756 3,523 1,402 4,003 14,481 1,615 6,708 6,134 0 7,297 4,365 0 15,963 | 38,811 September | | 1.6 | 1.320 | 286,411 287,368 287,846 289,758 295,976 296,492 299,850 303,204 | 7.1 | 2.85 | 714,491 717,355 718,430 720,916 730,538 731,650 735,572 738,803 | 7.4 | 0.53 |
| 08/13/09 08/13/09 08/30/09 00 09/01/09 09/10/09 09/10/09 09/10/09 09/10/09 09/10/09 09/10/09 09/10/09 09/10/09 09/10/09 10/05/09 10/05/09 10/15/09 11/02/09 11/02/09 11/05/09 11/05/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 | 10/01/09 | 9,767,253 9,771,256 9,785,737 9,787,043 9,787,043 9,794,060 9,800,194 9,800,194 9,800,194 9,807,491 9,807,491 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 1,402 4,003 14,481 1,615 6,708 6,134 0 7,297 4,365 0 15,963 | 38,811 September | | 1.6 | 1.320 | 287,846 289,758 295,976 296,492 299,850 303,204 | 7.1 | 2.85 | 718,430 720,916 730,538 731,650 735,572 738,803 | 7.4 | 0.53 |
| 08/17/09 08/30/09 09/01/09 09/10/09 09/21/09 09/22/09 10/05/09 10/05/09 10/05/09 10/05/09 10/15/09 10/15/09 11/02/09 11/02/09 11/03/09 11/05/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 11/20/09 | 10/01/09 | 9,771,256 9,785,737 9,787,043 9,787,352 9,794,060 9,800,194 9,800,194 9,800,194 9,807,491 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 4,003 14,481 1,615 6,708 6,134 0 7,297 4,365 0 15,963 | 38,811 September | | 1.6 | 1.320 | 289,758 295,976 296,492 299,850 303,204 | 7.1 | 2.85 | 720,916 730,538 731,650 735,572 738,803 | 7.4 | 0.53 |
| 08/30/09 09/01/09 09/10/09 09/21/09 09/22/09 10/05/09 10/05/09 10/15/09 10/18/09 11/02/09 11/03/09 11/02/09 11/02/09 11/02/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 11/20/09 11/20/09 | 10/01/09 | 9,785,737 9,787,043 9,787,352 9,794,060 9,800,194 9,800,194 9,806,949 9,807,491 9,811,856 9,811,856 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 14,481 1,615 6,708 6,134 0 7,297 4,365 0 15,963 | 38,811 September | | 1.6 | 1.320 | 295,976 296,492 299,850 303,204 | 7.1 | 2.85 | 730,538 731,650 735,572 738,803 | 7.4 | 0.53 |
| 0 09/01/09 09/21/09 09/22/09 10/109 10/05/09 10/15/09 10/15/09 10/18/09 11/02/09 11/03/09 11/03/09 11/02/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 11/20/09 | 10/01/09 | 9,787,043 9,787,352 9,794,060 9,800,194 9,800,194 9,806,949 9,807,491 9,811,856 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 1,615 6,708 6,134 0 7,297 4,365 0 15,963 | 38,811 September | | 1.6 | 1.320 | 296,492 299,850 303,204 | 7.1 | 2.85 | 731,650 735,572 738,803 | 7.4 | 0.53 |
| 09/01/09 09/10/09 09/22/09 09/22/09 10/01/09 10/05/09 10/05/09 10/15/09 10/15/09 11/02/09 11/02/09 11/02/09 11/04/09 11/02/09 11/102/09 11/102/09 11/12/09 11/12/09 11/17/09 11/20/09 11/30/09 12/01/09 | 10/01/09 | 9,787,352 9,794,060 9,800,194 9,806,949 9,807,491 9,807,491 9,811,856 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 6,708 6,134 0 7,297 4,365 0 15,963 | 38,811 September | | 1.6 | 1.320 | 299,850 303,204 | 7.1 | 2.85 | 735,572 738,803 | 7.4 | 0.53 |
| 09/10/09 09/21/09 09/22/09 10/05/09 10/05/09 10/06/09 10/15/09 10/15/09 11/02/09 11/02/09 11/02/09 11/02/09 11/02/09 11/102/09 11/102/09 11/11/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 | | 9,794,060 9,800,194 9,800,194 9,806,949 9,807,491 9,811,856 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 6,708 6,134 0 7,297 4,365 0 15,963 | September | | | 1.320 | 299,850 303,204 | 7.1 | 2.65 | 735,572 738,803 | 7.4 | 0.53 |
| 09/21/09 09/22/09 10/05/09 10/05/09 10/06/09 10/15/09 10/15/09 11/02/09 11/02/09 11/02/09 11/02/09 11/05/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 11/20/09 | | 9,800,194 9,800,194 9,806,949 9,807,491 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 6,134 0 7,297 4,365 0 15,963 | | 6.9 | | | 303,204 | | | 738,803 | | <u>├</u> ──── |
| 09/22/09 10/05/09 10/05/09 10/06/09 10/15/09 10/15/09 11/02/09 11/02/09 11/02/09 11/05/09 11/02/09 11/02/09 11/05/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 11/20/09 | | 9,800,194 9,806,949 9,807,491 9,811,856 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 0 7,297 4,365 0 15,963 | | 6.9 | | | | | | | | 1 |
| 10/01/09 10/05/09 10/15/09 10/15/09 10/18/09 11/18/09 11/02/09 11/03/09 11/03/09 11/05/09 11/12/09 11/17/09 11/17/09 11/17/09 11/12/09 11/20/09 11/20/09 | | 9,807,491 9,811,856 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 4,365 0 15,963 | | 6.9 | | | | | | 739,163 | | |
| 10/05/09 10/06/09 10/15/09 10/18/09 11/02/09 11/03/09 11/03/09 11/04/09 11/05/09 11/12/09 11/12/09 11/12/09 11/17/09 11/17/09 11/130/09 12/01/09 | 11/01/09 | 9,811,856 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 4,365 0 15,963 | 19,906 | 6.9 | | | | | | | | |
| 10/06/09 10/15/09 10/18/09 11/02/09 11/03/09 11/04/09 11/04/09 11/12/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 12/01/09 | 11/01/09 | 9,811,856 9,827,819 9,830,464 9,871,202 9,875,106 | 0 15,963 | | 6.9 | | | 306,569 | | | 743,395 | | |
| 10/15/09 10/18/09 11/02/09 11/02/09 11/04/09 11/05/09 11/15/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 11/20/09 | 11/01/09 | 9,827,819 9,830,464 9,871,202 9,875,106 | | | 6.9 | | | 308,500 | - | | 746,224 | | |
| 10/18/09 11/02/09 11/03/09 11/04/09 11/05/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/30/09 12/01/09 | 11/01/09 | 9,830,464 9,871,202 9,875,106 | | | | 1.8 | 1.700 | 308,983 | 6.8 | 2.48 | | 7.1 | 0.55 |
| 11/02/09 11/03/09 11/04/09 11/05/09 11/05/09 11/12/09 11/12/09 11/12/09 11/12/09 11/20/09 11/20/09 11/20/09 11/20/09 | 11/01/09 | 9,871,202 9,875,106 | 2,645 | | | | | 314,838 | | | 757,329 | - | |
| 11/02/09 11/03/09 11/04/09 11/05/09 11/17/09 11/12/09 11/12/09 11/17/09 11/17/09 11/20/09 11/30/09 12/01/09 | 11/01/09 | 9,875,106 | | October | | | - | 316,288 | | | 758,757 | | ┨─────┦ |
| 11/03/09 11/04/09 11/05/09 11/11/09 11/12/09 11/16/09 11/17/09 11/20/09 11/20/09 11/30/09 12/01/09 | | | 44,642 | 64,253 | | | | 329,981 | | | 793,417 | | |
| 11/04/09 11/05/09 11/11/09 11/12/09 11/16/09 11/17/09 11/27/09 11/20/09 11/20/09 12/01/09 | | 9.875.106 | 0 | 04,200 | 7.4 | 1.2 | 1.150 | 330,961 | 7.0 | 2.60 | 795,595 | 7.2 | 0.46 |
| 11/11/09 11/12/09 11/16/09 11/17/09 11/20/09 11/20/09 11/20/09 12/01/09 | | 9,880,551 | 5,445 | | | | | 331,974 | | | 797,084 | | |
| 11/12/09 11/16/09 11/17/09 11/20/09 11/30/09 11/30/09 12/01/09 | | 9,882,809 | 2,258 | | | | | 332,950 | | | 798,526 | | |
| 11/16/09 11/17/09 11/20/09 11/30/09 12/01/09 | | 9,891,712 | 8,903 | | | | | 337,309 | | | 803,889 | | |
| 11/17/09 11/20/09 11/30/09 12/01/09 | | 9,893,927 | 2,215 | | | | | 338,274 | | | 805,324 | | |
| 11/20/09 11/30/09 12/01/09 | | 9,896,880 | 2,953 | | | | | 339,720 | | | 807,132 | | |
| 11/30/09 12/01/09 | | 9,897,695 | 815 | | | | | 340,200 | - | | 807,495 | - | |
| 12/01/09 | | 9,899,892 9,914,595 | 2,197 14,703 | | | | - | 341,164 346,476 | | | 808,946 819,664 | | ┨─────┦ |
| 12/01/09 | 12/01/09 | 9,914,595 | 14,703 | November | | | | 340,470 | | | 019,004 | | |
| 12/15/09 | 12/01/00 | 9,914,595 | 0 | 43,393 | 7.6 | 1.7 | 1.500 | 347,446 | 7.3 | 2.25 | 820,740 | 7.8 | 0.67 |
| , . 0, 00 | | 9,931,024 | 16,429 | | | | | 354,237 | | | 829,781 | | |
| 12/18/09 | | 9,933,254 | 2,230 | | | | | 355,200 | | | 831,213 | | |
| | 01/01/10 | 9,956,004 | | December | | | | | | | | | |
| 01/03/10 | | 9,960,070 | 26,816 | 41,409 | | | | 362,443 | | | 853,235 | | |
| 01/05/10 | | 9,960,070 | 0 | | 6.9 | 2.3 | 2.220 | 362,924 | 7.2 | 5.36 | 855,045 | 7.2 | 0.68 |
| 01/14/10 01/18/10 | | 9,969,979 9,972,503 | 9,909 2,524 | | | | | 365,847 366,807 | | | 860,488 862,304 | | ┨─────┦ |
| 01/31/10 | | 9,972,503 | | | | | | 300,807 | | | 862,304 | | |
| | 02/01/10 | 9,991,034 | .0,001 | January | | | | 2,0,004 | | | 2. 0,00L | | |
| 02/02/10 | | 9,991,034 | 0 | 35,030 | 7.4 | 1.6 | 1.460 | 371,145 | 7.2 | 4.05 | 880,637 | 7.2 | 0.46 |
| 02/03/10 | | 9,994,392 | | | | | | 371,664 | | | 881,364 | | |
| 02/16/10 | | 10,002,996 | | | | | | 374,543 | | | 887,937 | | ļ |
| 02/28/10 | 00/5 | 10,009,542 | 6,546 | | | | | 376,928 | | | 892,655 | | |
| | 03/01/10 | 10,009,542 | | February | 7.0 | 1.0 | 1 2 4 0 | 270.000 | 7 4 | 0.70 | 000 700 | 7 4 | |
| 03/02/10 03/06/10 | | 10,009,542 10,015,341 | 0 5,799 | 18,508 | 7.6 | 1.6 | 1.340 | 376,928 377,919 | 7.4 | 2.70 | 893,732 898,085 | 7.4 | 1.41 |
| 03/08/10 | | 10,015,341 | | | <u> </u> | | | 383,764 | | | 927,938 | | <u> </u> |
| 03/17/10 | | 10,045,891 | 17,275 | | | | | 388,140 | | | 942,069 | | 1 |
| 03/23/10 | | 10,077,601 | 11,710 | | | | | 392,478 | | | 950,481 | | 1 |
| 03/31/10 | | 10,088,487 | 10,886 | | | | | 396,786 | | | 958,091 | | |
| | 04/01/10 | 10,088,725 | | March | | | | | | | | | |
| 04/01/10 | | 10,088,817 | 330 | 79,183 | | | | 396,786 | | | 958,456 | | |
| 04/04/10 | | 10,092,465 | | | | | | 398,207 | | | 961,014 | | |
| 04/06/10 04/19/10 | | 10,092,465 | 0 58,701 | | 7.4 | 1.3 | 1.180 | 399,166 416,846 | 7.2 | 2.00 | 962,110 1,005,028 | 7.2 | 0.20 |

| | | | OUTI | FALL 001 | | | | Ма | nhole | #1 | M | anho | le #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|----------|---|--|--|-------|---|--|------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 05/01/10 | 10,189,439 | | April | | | | | | | | | |
| 05/03/10 | | 10,196,869 | 45,703 | 100,715 | | | | 432,284 | | | 1,038,553 | | |
| 05/04/10 05/17/10 | | 10,196,869 10,258,463 | 0 61,594 | | 7.3 | 0.98 | 0.902 | 433,730 453,256 | 7.1 | 1.12 | 1,040,370 1,083,344 | 7.2 | 0.37 |
| 06/01/10 | | 10,256,465 | 36,047 | | | | | 455,256 | | | 1,083,344 | | |
| 00/01/10 | 06/01/10 | 10,294,510 | 00,011 | Мау | | | | 100,100 | | | 1,100,100 | | |
| 06/01/10 | | 10,294,510 | 0 | 105,071 | 7.6 | 0.85 | 0.762 | 467,117 | 7.2 | 1.44 | 1,110,569 | 7.3 | 0.28 |
| 06/21/10 | | 10,372,589 | 78,079 | | | | | 488,138 | | | 1,171,628 | | |
| 06/30/10 | | 10,400,340 | 27,751 | | | | | 495,720 | | | 1,193,925 | | |
| 06/30/10 | 07/04/40 | 10,400,889 | 549 | | | | | 496,193 | | | 1,194,286 | | |
| 07/01/10 | 07/01/10 | 10,401,954 10,402,536 | 1,647 | June 107,444 | | | | 496,664 | | | 1,195,375 | | |
| 07/05/10 | | 10,402,536 | 6,895 | 107,444 | | | | 490,004 | | | 1,195,375 | | |
| 07/06/10 | | 10,409,431 | 0,000 | | 7.3 | 1.1 | 0.988 | 499,963 | 7.3 | 1.92 | 1,200,038 | 7.5 | 0.41 |
| 07/12/10 | | 10,426,614 | 17,183 | | | | | 504,247 | | | 1,213,873 | | |
| 07/21/10 | | 10,506,902 | 80,288 | | | | | 525,545 | | | 1,275,358 | | |
| 07/22/10 | | 10,515,567 | 8,665 | | | | | 527,488 | | | 1,282,668 | | |
| 07/23/10 | 00/01/10 | 10,532,459 | 16,892 | 1 | | | | 531,679 | | | 1,283,332 | | |
| 08/02/10 | 08/01/10 | 10,586,662 10,594,781 | 62,322 | July 184,709 | | | | 549,129 | | | 1,283,332 | | - |
| 08/03/10 | | 10,594,781 | 02,322 | 184,709 | 7.8 | 0.54 | 0.515 | 549,601 | 7.4 | 1.20 | 1,283,332 | 7.5 | 0.20 |
| 08/04/10 | | 10,599,046 | 4,265 | | | 0.01 | 0.010 | 550,588 | | | 1,283,332 | 1.0 | 0.20 |
| 08/04/10 | | 10,599,046 | 0 | | | | | 550,588 | | | 1,283,358 | | |
| 08/04/10 | | 10,599,046 | 0 | | | | | 550,588 | | | 1,283,358 | | |
| 08/05/10 | | 10,600,937 | 1,891 | | | | | 551,531 | | | 1,284,413 | | |
| 08/06/10 | | 10,602,372 | 1,435 | | | | | 552,002 | | | 1,285,481 | | |
| 08/07/10 08/12/10 | | 10,604,242 10,621,705 | 1,870 17,463 | | | | | 552,943 558,442 | | | 1,286,560 1,299,650 | | |
| 08/12/10 | | 10,644,322 | 22,617 | | | | | 565,095 | | | 1,299,030 | | |
| | 09/01/10 | 10,664,511 | 1- | August | | | | | | | ,- , | | |
| 09/06/10 | | 10,672,363 | 28,041 | 77,849 | | | | 575,879 | | | 1,336,978 | | |
| 09/07/10 | | 10,672,363 | 0 | | 7.7 | 0.64 | 0.588 | 575,879 | 7.2 | 1.28 | 1,337,698 | 7.4 | 0.19 |
| 09/09/10 | | 10,675,017 | 2,654 | | | | | 576,846 | | | 1,338,823 | | |
| 09/09/10 09/15/10 | | 10,675,348 10,681,923 | 331 6,575 | | | | | 576,846 579,656 | | | 1,339,184 1,343,454 | | |
| 09/20/10 | | 10,688,747 | 6,824 | | | | | 582,004 | | | 1,348,431 | | |
| 09/28/10 | | 10,712,898 | 24,151 | | | | | 588,142 | | | 1,368,075 | | |
| 09/28/10 | | 10,713,225 | 327 | | | | | 588,142 | | | 1,368,432 | | |
| | 10/01/10 | 10,717,803 | | September | | | | | | | | | |
| 10/01/10 | | 10,718,374 | 5,149 | 53,291 | | | | 590,497 | | | 1,371,651 | | |
| 10/03/10 | | 10,721,339 | 2,965 | | 7.0 | 0.00 | 0.700 | 591,909 | 7.0 | 4.00 | 1,373,451 | 7.5 | 0.40 |
| 10/05/10 10/15/10 | | 10,721,339 | 0 11.747 | | 7.6 | 0.80 | 0.763 | 592,849 597.097 | 7.3 | 1.32 | 1,374,902 1,380,767 | 7.5 | 0.10 |
| 10/13/10 | | 10,734,957 | 1,871 | | | | 1 | 598,030 | | | 1,381,848 | | 1 |
| 10/31/10 | | 10,760,102 | 25,145 | | | | | 605,549 | | | 1,401,547 | | |
| | 11/01/10 | 10,760,102 | | October | | | | | | | | | |
| 11/02/10 | | 10,760,102 | 0 | 42,299 | 7.8 | 0.65 | 0.639 | 606,486 | 7.6 | 1.44 | 1,403,369 | 7.9 | 0.20 |
| 11/11/10 11/14/10 | | 10,773,294 | 13,192 | | | | | 611,203 | | | 1,410,005 | | 1 |
| 11/14/10 | | 10,775,484 10,778,424 | 2,190 2,940 | | | | | 612,137 613,539 | | | 1,411,471 1,413,301 | | - |
| 11/17/10 | | 10,778,424 | 2,940 | | <u>†</u> | | | 618,231 | | | 1,413,301 | | |
| 0.10 | 12/01/10 | 10,794,632 | ,_50 | November | | | | , | | | ,, | | 1 |
| 12/04/10 | | 10,800,013 | 9,296 | 34,530 | | | | 622,006 | | | 1,428,648 | | |
| 12/07/10 | | 10,800,013 | 0 | | 7.6 | 1.0 | 0.989 | 623,423 | 7.8 | 1.80 | | 7.9 | 0.24 |
| 12/15/10 | | 10,811,058 | 11,045 | | L | | | 627,228 | | | 1,435,313 | | |
| 12/20/10 | | 10,814,659 | 3,601 | | | | | 628,621 | | | 1,437,887 | | + |
| 12/23/10 | 01/01/11 | 10,816,825 | 2,166 | December | | | | 629,558 | | | 1,439,358 | | <u> </u> |
| 01/02/11 | 01/01/11 | 10,827,569 10,829,348 | 12,523 | 32,938 | | | | 632,850 | | | 1,449,967 | | |
| 01/02/11 | | 10,829,348 | 0 | 02,000 | 8.0 | 1.6 | 1.500 | 633,803 | 7.9 | 5.31 | 1,449,907 | 8.0 | 0.53 |
| 01/17/11 | | 10,845,438 | 16,090 | | | | | 638,076 | | | 1,462,175 | | |
| 01/28/11 | | 10,852,203 | 6,765 | | | | | 640,437 | | | 1,467,352 | | |
| 01/30/11 | | 10,853,317 | 1,114 | | | | | 640,910 | | | 1,468,093 | | |

| | | | OUTI | FALL 001 | | | | Ма | nhole | #1 | м | anho | e #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 02/01/11 | 10,853,317 | | January | | | | | | | | | |
| 02/01/11 | | 10,853,317 | 0 | 25,748 | 7.9 | 2.1 | 2.100 | 641,382 | 7.7 | 4.90 | 1,468,834 | 7.6 | 0.18 |
| 02/02/11 | | 10,854,899 | 1,582 | | | | | 641,426 | | | 1,469,273 | | |
| 02/14/11 02/21/11 | | 10,859,963 10,876,100 | 5,064 16,137 | | | | | 643,318 646,167 | | | 1,472,988 1,488,233 | | |
| 02/21/11 | | 10,876,705 | 605 | | | | | 646,167 | | | 1,488,978 | | |
| 02/21/11 | | 10,880,277 | 3,572 | | | | | 647,105 | | | 1,400,978 | | |
| 02/27/11 | | 10,883,601 | 3,324 | | | | | 648,128 | | | 1,494,713 | | |
| 02/21/11 | 03/01/11 | 10,883,601 | 0,021 | February | | | | 010,120 | | | 1,101,110 | | |
| 03/01/11 | | 10,883,601 | 0 | 30,284 | 7.8 | 1.8 | 1.530 | 648,594 | 7.7 | 4.95 | 1,496,572 | 7.8 | 0.52 |
| 03/21/11 | | 10,957,602 | 74,001 | , | | | | 664,834 | | | 1,558,957 | | |
| | 04/01/11 | 11,023,291 | | March | | | | | | | | | |
| 04/04/11 | | 11,045,838 | 88,236 | 139,690 | | | | 687,442 | | | 1,632,177 | | |
| 04/05/11 | | 11,045,838 | 0 | | 8.0 | 0.40 | 0.380 | 688,903 | 7.8 | 1.10 | 1,637,351 | 7.7 | 0.21 |
| 04/16/11 | | 11,138,592 | 92,754 | | | | | 710,138 | | | 1,708,997 | | |
| 04/26/11 | | 11,216,566 | 77,974 | | | | | 731,830 | | | 1,771,918 | | |
| 04/29/11 | | 11,258,391 | 41,825 | | | | | 743,289 | | | 1,804,105 | | |
| 04/29/11 | | 11,262,451 | 4,060 | | | | | 744,757 | | | 1,807,043 | | |
| | 05/02/11 | 11,274,169 | | April | | | | | | | | | |
| 05/02/11 | | 11,277,586 | 15,135 | 250,878 | | 0.07 | 0.000 | 750,559 | | | 1,818,009 | = 0 | |
| 05/03/11 05/16/11 | | 11,277,586 | 0 | | 7.8 | 0.37 | 0.338 | 751,514 763,336 | 7.6 | 0.68 | | 7.8 | 0.20 |
| 05/16/11 | | 11,310,055 11,311,520 | 32,469 1,465 | | | | | 763,807 | | | 1,841,085 1,842,263 | | |
| 05/17/11 | 06/01/11 | 11,344,383 | 1,405 | May | | | | 703,807 | | | 1,042,203 | | |
| 06/02/11 | 00/01/11 | 11,347,664 | 36,144 | 70,214 | | | | 778,512 | | | 1,868,238 | | |
| 06/06/11 | | 11,354,057 | 6,393 | 10,214 | | | | 781,832 | | | 1,872,152 | | |
| 06/07/11 | | 11,354,057 | 0,000 | | 7.7 | 0.46 | 0.447 | 782,305 | 7.6 | 0.85 | 1,872,545 | 7.7 | 0.14 |
| 06/17/11 | | 11,368,867 | 14,810 | | | | - | 788,961 | | | 1,881,915 | | |
| 06/20/11 | | 11,373,134 | 4,267 | | | | | 790,860 | | | 1,884,626 | | |
| | 07/01/11 | 11,419,112 | | June | | | | | | | | | |
| 07/04/11 | | 11,434,679 | 61,545 | 74,729 | | | | 811,146 | | | 1,932,424 | | |
| 07/05/11 | | 11,434,679 | 0 | | 7.9 | 0.78 | 0.752 | 811,621 | 7.6 | 1.50 | 1,933,199 | 7.5 | 0.19 |
| 07/18/11 | | 11,450,616 | 15,937 | | | | | 818,915 | | | 1,942,544 | | |
| 07/27/11 | | 11,470,412 | 19,796 | | | | | 825,753 | | | 1,958,375 | | |
| 07/28/11 | | 11,473,213 | 2,801 | | | | | 826,666 | | | 1,960,688 | | |
| / // / | 08/01/11 | 11,483,192 | | July | | | | | | | | | |
| 08/01/11 | | 11,484,004 | 10,791 | 64,080 | 7.0 | 0.00 | 0.000 | 830,795 | 7.5 | 4.00 | 1,968,801 | 75 | 0.40 |
| 08/02/11 08/04/11 | | 11,484,004 | 0 470 | | 7.9 | 0.86 | 0.800 | 831,711 834,025 | 7.5 | 1.26 | | 7.5 | 0.42 |
| 08/04/11 | | 11,492,474 11,493,370 | 8,470 896 | | - | | | 834,025 | | | 1,975,014 1,975,820 | | |
| 08/15/11 | | 11,509,618 | 16,248 | | | | | 841,800 | | | 1,975,620 | | |
| 08/31/11 | | 11,524,004 | 14,386 | | | | | 849,495 | | | 1,994,794 | | |
| | 09/01/11 | 11,524,179 | | August | | | | | | | | | |
| 09/01/11 | | 11,524,431 | 427 | 40,987 | | | | 849,948 | | | 1,994,794 | | |
| 09/03/11 | | | | | | | | 850,953 | | | 1,997,262 | | |
| 09/05/11 | | 11,533,935 | | | | | | 852,322 | | | 2,003,014 | | |
| 09/06/11 | | 11,533,935 | | | 8.0 | 1.2 | 1.180 | 852,778 | 7.7 | 1.65 | | 7.7 | 0.55 |
| 09/08/11 | | 11,538,054 | | | | | | 854,174 | | | 2,005,726 | | |
| 09/19/11 | | 11,547,336 | | | | | | 859,158 | | ļ | 2,011,134 | | |
| 09/20/11 | | 11,548,416 | 1 | | | | | 859,611 | | | 2,011,902 | | |
| 09/28/11 | 10/01/11 | 11,562,993 | 14,577 | 0 | | | | 863,696 | | | 2,024,247 | | |
| 10/02/64 | 10/01/11 | 11,568,104 | 0.440 | September | | | | 007.044 | | | 2 024 422 | | |
| 10/03/11 10/04/11 | | 11,572,412 | | 43,925 | | | | 867,344 868,253 | | | 2,031,123 2,032,650 | | |
| 10/04/11 | | 11,574,566 11,574,566 | | | | | | 868,253 | | | 2,032,650 | | |
| 10/05/11 | | 11,574,566 | | | | | | 869,161 | | | 2,033,029 | | |
| 10/08/11 | | 11,579,097 | | | | | | 870,519 | | | 2,035,765 | | |
| 10/10/11 | | 11,579,097 | .,001 | | 7.5 | 1.2 | 1.090 | 870,972 | 7.4 | 2.15 | | 7.5 | 0.22 |
| 10/26/11 | | 11,603,315 | 24,218 | | | | | 879,056 | | | 2,054,141 | | |
| 10/30/11 | | 11,606,358 | 1 | | | | | 880,416 | | | 2,055,759 | | |

| | | | OUT | FALL 001 | | | | Ма | nhole | #1 | M | anho | e #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 11/01/11 | 11,607,509 | | October | | | Pounds Cr | | | | | | |
| 11/01/11 | | 11,608,102 | 1,744 | 39,405 | | | 0.358 | 881,323 | | | 2,055,759 | | |
| 11/02/11 | | 11,608,233 | 131 | | | | | 881,362 | | | 2,055,792 | | |
| 11/03/11 | | 11,608,233 | 0 | | 8.2 | 1.3 | 1.220 | 881,378 | 8.1 | 2.46 | 2,055,818 | 8.0 | 0.03 |
| 11/05/11 | | 11,611,395 | 3,162 | | | | | 882,340 | | | 2,059,467 | | |
| 11/06/11 11/07/11 | | 11,614,756 11,616,924 | 3,361 2,168 | | | | | 883,608 883,718 | | | 2,062,594 2,063,343 | | |
| 11/08/11 | | 11,618,636 | 1,712 | | | | | 884,345 | | | 2,005,043 | | |
| 11/12/11 | | 11,651,616 | 32,980 | | | | | 890,384 | | | 2,094,235 | | |
| 11/15/11 | | 11,662,529 | 10,913 | | | | | 894,135 | | | 2,102,462 | | |
| 11/23/11 | | 11,677,899 | 15,370 | | | | | 900,936 | | | 2,112,833 | | |
| 11/29/11 | | 11,687,640 | 9,741 | | | | Pounds Cr | 905,028 | | | 2,119,690 | | |
| | 12/01/11 | 11,689,609 | | November | | | 0.834 | | | | | | |
| 12/01/11 | | 11,687,640 | 0 | 82,100 | 7.4 | 1.7 | 1.700 | 905,938 | 7.8 | 2.65 | 2,119,690 | 8.0 | 0.72 |
| 12/06/11 | | 11,706,691 | 19,051 | | | | | 910,893 | | | 2,134,888 | | |
| 12/15/11 | | 11,724,224 | 17,533 | | | | | 918,198 | | | 2,147,141 | | |
| 12/26/11 | | 11,737,368 | 13,144 | | | | | 924,102 | | | 2,155,863 | | |
| 12/31/11 | 01/01/12 | 11,742,107 11,742,204 | 4,739 | December | | | Pounds Cr | 926,371 | | | 2,158,911 | | |
| 01/04/12 | 01/01/12 | 11,744,667 | 2,560 | 52,595 | | | 0.745 | 927,731 | | | 2,158,911 | | |
| 01/05/12 | | 11,744,667 | 2,000 | 52,555 | 6.9 | 0.98 | 0.862 | 928,184 | 7.5 | 1.84 | 2,161,198 | 7.3 | 0.27 |
| 01/19/12 | | 11,754,619 | 9,952 | | 0.0 | 0.00 | 0.002 | 932,303 | | | 2,166,977 | 1.0 | 0.21 |
| 01/27/12 | | 11,758,987 | 4,368 | | | | | 934,572 | | | 2,169,652 | | |
| 01/31/12 | | 11,761,124 | 2,137 | | | | Pounds Cr | 935,480 | | | 2,171,180 | | |
| | 02/01/12 | 11,761,228 | | January | | | 0.137 | | | | | | |
| 02/02/12 | | 11,761,124 | 0 | 19,024 | 7.4 | 2.1 | 1.860 | 936,191 | 7.7 | 2.50 | 2,172,687 | 7.7 | 6.1 |
| 02/07/12 | | 11,763,586 | 2,358 | | | | | 938,043 | | 2.80 | 2,176,546 | | 1.71 |
| 02/22/12 | | 11,778,355 | 14,769 | | | | | 941,736 | | | 2,183,827 | | |
| 02/24/12 | | 11,780,157 | 16,571 | | | | Davida Or | 942,642 | | | 2,184,964 | | |
| 02/28/12 | 03/01/12 | 11,782,379 11,783,379 | 18,793 | February | | | Pounds Cr 0.329 | 943,547 | | | 2,186,478 | | |
| 03/01/12 | 03/01/12 | 11,782,379 | 0 | 21,255 | 7.1 | 2.6 | 2.560 | 944,002 | 7.3 | 3.45 | 2,186,478 | 7.6 | 2.04 |
| 03/14/12 | | 11,824,851 | 41,472 | 21,200 | 7.1 | 2.0 | 2.000 | 956,400 | 7.0 | 0.40 | 2,221,364 | 1.0 | 2.04 |
| 03/21/12 | | 11,839,925 | 15,074 | | | | | 962,783 | | | 2,231,770 | | |
| 03/25/12 | | 11,848,965 | 9,040 | | | | | 965,591 | | | 2,239,149 | | |
| | 04/01/12 | 11,865,023 | | March | | | Pounds Cr | | | | | | |
| 04/03/12 | | 11,871,806 | 22,841 | 81,644 | | | 1.740 | 973,817 | | | 2,256,557 | | |
| 04/05/12 | | 11,871,806 | 6,783 | | 7.6 | 0.83 | 0.730 | 975,189 | 7.9 | 1.28 | 2,258,866 | 7.8 | 0.48 |
| 04/18/12 | | 11,896,899 | 25,093 | | | | | 984,322 | | | 2,273,887 | | |
| 04/21/12 | | 11,906,449 | 9,550 | | | | | 986,147 | | | 2,282,902 | | |
| 05/00/40 | 05/01/12 | 11,923,538 | 04.400 | April | | | Pounds Cr | 000 40 4 | ļ | | 0.000.050 | | |
| 05/02/12 05/03/12 | | 11,930,935 11,933,848 | 24,486 2,913 | 58,515 | | | 0.356 | 996,194 997,107 | | | 2,300,258 2,302,572 | | |
| 05/03/12 | | 11,933,848 | 2,913 | | | | | 1,010,822 | | | 2,302,572 | | |
| 05/14/12 | | 12,005,061 | 15,097 | | | | | 1,016,338 | | | 2,343,373 | | |
| 05/16/12 | | 12,005,061 | 0 | | 6.5 | 0.67 | 0.581 | 1,018,169 | 7.4 | 0.63 | 2,363,951 | 7.6 | 0.15 |
| 05/20/12 | | 12,016,709 | 11,648 | | | | | 1,021,100 | | | 2,368,989 | | |
| 05/22/12 | | 12,018,570 | 1,861 | | | | | 1,022,007 | | | 2,370,141 | | |
| 05/24/12 | | 12,021,249 | 2,679 | | | | | 1,023,245 | | | 2,372,066 | | |
| 05/31/12 | | 12,028,808 | 7,559 | | | | | 1,027,317 | | | 2,378,556 | | |
| | 06/01/12 | 12,029,342 | | May | | | Pounds Cr | | | | | | |
| 06/02/12 | | 12,030,994 | 2,186 | 105,804 | | | 0.512 | 1,027,317 | | | 2,378,556 | | |
| 06/05/12 06/07/12 | | 12,033,617 | 2,623 0 | | 6.8 | 0.55 | 0.507 | 1,028,676 | 7 4 | 0.99 | 2,380,101 | 77 | 0.47 |
| 06/07/12 | | 12,033,617 | 13,234 | | 0.0 | 0.00 | 0.307 | 1,029,581 1,034,134 | 7.4 | 0.99 | 2,381,259 2,389,253 | 7.7 | 0.17 |
| 06/29/12 | | 12,046,851 | 9,896 | | | | | 1,034,134 | | <u> </u> | 2,389,253 | | |
| 00/20/12 | 07/01/12 | 12,057,998 | 0,000 | June | | | Pounds Cr | .,000,000 | | | 2,000,000 | | |
| 07/03/12 | | 12,059,332 | 1,334 | 28,656 | | | 0.121 | 1,040,009 | | | 2,397,210 | | |
| 07/05/12 | | 12,059,332 | 0 | | 6.1 | 0.98 | 0.906 | 1,040,913 | 6.2 | 1.24 | 2,397,969 | 6.6 | 0.19 |
| 07/10/12 | | 12,064,003 | 4,671 | | | | | 1,042,739 | | | 2,402,552 | | |
| 07/20/12 | | 12,069,263 | 5,260 | | | | | 1,045,446 | | | 2,402,552 | | |

| | | | ουτι | FALL 001 | | | | Ма | nhole | #1 | N | lanho | le #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|-------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 08/01/12 | 12,078,083 | | July | | | Pounds Cr | | | | | | |
| 08/01/12 | | 12,078,359 | 9,096 | 20,085 | | | 0.152 | 1,049,510 | | | 2,408,561 | | |
| 08/02/12 | | 12,078,359 | 0 | | 6.2 | 1.20 | 1.120 | 1,049,969 | 6.2 | 1.72 | 2,408,954 | 6.0 | 0.56 |
| 08/07/12 | | 12,082,510 | | | | | | 1,051,808 | | | 2,410,869 | | |
| 08/16/12 | 00/04/40 | 12,098,108 | 15,598 | | | | | 1,056,800 | | | 2,423,447 | | |
| 09/01/12 | 09/01/12 | 12,111,167 12,111,772 | 10.004 | August | | | Pounds Cr 0.309 | 1,063,135 | | | 0.400.000 | | |
| 09/01/12 | | 12,111,772 | 13,664 4,839 | 33,084 | | | 0.309 | 1,065,875 | | | 2,432,088 2,434,745 | | <u> </u> |
| 09/09/12 | | 12,110,011 | 1,172 | | | 1.70 | 1.520 | 1,065,875 | 6.4 | 0.72 | 2,434,745 | 6.3 | 0.21 |
| 09/18/12 | | 12,121,226 | 3,443 | | | 1.10 | 1.020 | 1,068,577 | 0.1 | 0.12 | 2,437,061 | 0.0 | 0.21 |
| 09/26/12 | | 12,125,024 | 3,798 | | | | | 1,070,837 | | | 2,438,957 | | |
| | 10/01/12 | 12, 126, 164 | | September | | | Pounds Cr | | | | | | |
| 10/04/12 | | 12,127,304 | 2,280 | 14,997 | | | 0.190 | 1,072,193 | | | 2,440,091 | | |
| 10/04/12 | | 12,127,304 | 1,140 | | | 1.50 | 1.370 | 1,072,193 | 6.4 | 1.44 | | 6.2 | 0.32 |
| 10/05/12 | | 12,129,085 | 1,781 | | | | | 1,073,276 | | | 2,440,999 | | |
| 10/09/12 | | 12,129,791 | 706 | | | | | 1,073,696 | | | 2,441,370 | | |
| 10/19/12 | | 12,163,907 | 34,116 | | | | | 1,081,043 | | | 2,471,345 | | |
| 10/30/12 | | 12,189,653 | 25,746 | | | | | 1,092,239 | | | 1,289,448 | | |
| 11/20/10 | 11/01/12 | 12,191,094 | 7.440 | October | | | Pounds Cr | 1 000 0 10 | | | 0 400 054 | | |
| 11/06/12 | | 12,196,769 | | 64,930 | NA | 1.1 | 0.741 | 1,096,343 | NA | 1.34 | 2,493,654 | NA | 0.21 |
| 11/09/12 11/22/12 | | 12,198,437 12,212,741 | 1,668 14,304 | | NA | 1.1 | 1.040 | 1,097,450 | INA | 1.34 | 2,494,750 2,504,679 | NA | 0.21 |
| 11/30/12 | | 12,212,741 | 5,270 | | | | | 1,105,179 | | | 2,504,079 | | - |
| 11/00/12 | 12/01/12 | 12,218,663 | 0,210 | November | | | Pounds Cr | 1,100,100 | | | 2,007,000 | | + |
| 12/03/12 | 12/01/12 | 12,219,752 | 1,089 | 27,569 | | | 0.239 | 1,107,006 | | | 2,508,689 | | 1 |
| 12/10/12 | | 12,223,289 | 3,537 | / | 8.0 | 1.00 | 1.100 | 1,109,121 | 7.7 | 1.60 | | 8.0 | 0.27 |
| 12/26/12 | | 12,234,632 | 11,343 | | | | | 1,114,683 | | | 2,517,462 | | |
| 12/31/12 | | 12,239,248 | 4,616 | | | | | 1,117,237 | | | 2,520,012 | | |
| | 01/01/13 | 12,239,543 | | December | | | Pounds Cr | | | | | | |
| 01/01/13 | | 12,239,958 | 710 | 20,880 | | | 0.191 | 1,117,663 | | | 2,520,377 | | |
| 01/10/13 | | 12,246,590 | 6,632 | | | 1.90 | 1.720 | 1,120,640 | 7.7 | 1.68 | | 8.0 | 1.32 |
| 01/24/13 | | 12,278,928 | 32,338 | | | | | 1,130,141 | | | 2,550,847 | | <u> </u> |
| 01/28/13 | | 12,282,035 | 3,107 | | | | | 1,131,414 | | | 2,553,042 | | |
| 01/31/13 | 02/01/13 | 12,287,892 12,288,247 | 5,857 | lanuaru | | | Pounds Cr | 1,132,425 | | | 2,558,715 | | |
| 02/01/13 | 02/01/13 | 12,289,018 | 1,126 | January 48,644 | | | 0.697 | 1,132,680 | | | 2,559,456 | | + |
| 02/07/13 | | 12,293,874 | 4,856 | 40,044 | 7.9 | 0.82 | 0.663 | 1,132,300 | 7.6 | 1.35 | | 8.0 | 0.22 |
| 02/20/13 | | 12,308,445 | 14,571 | | 7.0 | 0.02 | 0.000 | 1,038,672 | 1.0 | 1.00 | 2,575,057 | 0.0 | 0.22 |
| 02/27/13 | | 12,313,181 | 19,307 | | | | | 1,140,359 | | | 2,578,725 | | |
| | 03/01/13 | 12,314,165 | | February | | | Pounds Cr | | | | | | |
| 03/03/13 | | 12,315,958 | 2,777 | 25,918 | | | 0.143 | 1,141,206 | | | 2,580,927 | | |
| 03/07/13 | | 12,318,024 | 2,066 | | 7.9 | 0.83 | 0.753 | 1,142,054 | 7.7 | 1.44 | | 7.8 | 0.27 |
| 03/18/13 | | 12,361,201 | | | | | | 1,151,536 | | | 2,619,703 | | <u> </u> |
| 03/20/13 | | 12,365,136 | | | | | | 1,153,250 | | | 2,622,317 | | |
| 03/27/13 | | 12,378,442 | | | | | | 1,159,233 | | | 2,630,884 | | ─── |
| 03/31/13 | 04/04/42 | 12,400,821 | 22,379 | Moreh | | | Pounds Cr | 1,164,838 | | | 2,649,804 | | + |
| 04/01/13 | 04/01/13 | 12,403,728 12,407,465 | 3,737 | March 89,563 | | | 0.562 | 1,165,570 | | | 2,655,346 | | <u> </u> |
| 04/01/13 | | 12,407,465 | | 03,303 | 7.4 | 0.42 | 0.362 | 1,180,148 | 7.0 | 0.60 | | 7.4 | 0.14 |
| 04/17/13 | | 12,401,497 | | | | 0.72 | 0101 | 1,196,092 | 7.0 | 0.00 | 2,749,790 | | 0.14 |
| 0.,11,10 | 05/01/13 | 12,570,545 | 50,041 | April | | | Pounds Cr | ., | | | _,5,, 50 | | 1 |
| 05/01/13 | | | | 166,817 | | 1 | 0.599 | | | 1 | İ | i | 1 |
| 05/01/13 | | 12,571,333 | 49,195 | | 8.1 | 0.56 | 0.553 | 1,215,096 | 7.3 | 0.38 | 2,785,968 | 7.8 | 0.09 |
| 05/19/13 | | 12,623,298 | 51,965 | | | | | 1,235,753 | | | 2,823,953 | | |
| | 06/01/13 | 12,647,282 | | May | | | Pounds Cr | | | | | | |
| L | | | | 76,737 | | | 0.353 | | | | | | Ļ |
| 06/06/13 | | 12,657,605 | | | 7.6 | 0.96 | 0.826 | 1,251,551 | 7.4 | 0.47 | | 7.8 | 0.73 |
| 06/12/13 | | 12,669,485 | 11,880 | | | | | 1,256,351 | | | 2,857,966 | | |
| 06/17/13 | 07/04/15 | 12,680,642 | 11,157 | | | | David C | 1,259,722 | | | 2,867,078 | | ─── |
| ┟────┤ | 07/01/13 | 12,727,950 | | June | | | Pounds Cr | | | | | | + |
| 07/18/13 | | 12,767,116 | 86,474 | 80,668 | 7.4 | 0.73 | 0.555 0.694 | 1,286,165 | 6.7 | 0.73 | 2,938,280 | 7.5 | 0.07 |
| 07/18/13 | | 12,767,116 | | | 7.4 | 0.13 | 0.054 | 1,286,165 | 0.7 | 0.73 | 2,938,280 | 1.5 | 0.07 |

| | | | OUT | FALL 001 | | | | Ма | nhole | #1 | N | anho | le #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 08/01/13 | 12,781,814 | | July | | | Pounds Cr | | | | | | |
| | | | | 53,864 | | | 0.311 | | | | | | |
| 08/04/13 | | 12,784,628 | 3,752 | | | | | 1,293,015 | | | 2,947,351 | | |
| 08/07/13 | | 12,786,184 | 1,556 | | | | | 1,295,588 | | | 2,951,110 | | |
| 08/08/13 | | 12,786,555 | 371 | | 7.5 | 0.83 | 0.775 | 1,296,442 | 6.8 | 0.68 | 2,951,801 | 7.2 | 0.16 |
| 08/19/13 | | 12,795,058 | 8,503 | | | | | 1,298,966 | | | 2,954,811 | | |
| 08/21/13 | | 12,795,638 | 580 | | | | | 1,300,287 | | | 2,956,243 | | |
| 08/26/13 | | 12,797,295 | 1,657 | | | | | 1,301,154 | | | 2,957,147 | | |
| 08/28/13 | 00/04/40 | 12,800,434 | 3,139 | A | | | Davida On | 1,302,541 | | | 2,958,987 | | - |
| 00/01/12 | 09/01/13 | 12,803,511 | 0.010 | August | | | Pounds Cr | 1 202 500 | | | 2.001.205 | | |
| 09/01/13 09/05/13 | | 12,803,511 12,808,096 | 6,216 4,585 | 21,697 | | ł | 0.140 | 1,303,580 1,305,282 | | | 2,961,265 2,964,435 | | + |
| 09/05/13 | | 12,808,096 | 4,585 8,372 | | | | | 1,305,282 | | | 2,964,435 | | + |
| 09/09/13 | | 12,811,883 | 7,070 | | | | | 1,309,139 | | | 2,968,968 | | + |
| 09/14/13 | | 12,818,151 | 6,268 | | | | | 1,310,005 | | | 2,970,501 | | 1 |
| 09/18/13 | | 12,822,283 | 7,117 | | 7.3 | 1.3 | 1.170 | 1,311,729 | 7.1 | 0.99 | 2,973,533 | 7.3 | 0.19 |
| 09/30/13 | | 12,833,637 | 11,354 | | | | | 1,317,815 | | | 2,980,475 | | |
| | 10/01/13 | 12,834,025 | | September | | | Pounds Cr | | | | | | |
| 10/01/13 | | 12,834,025 | 388 | 30,514 | | | 0.297 | 1,318,244 | | | 2,980,475 | | |
| 10/08/13 | | 12,843,796 | 9,771 | | | | | 1,321,693 | | | 2,988,064 | | |
| 10/16/13 | | 12,852,554 | 8,758 | | | | | 1,325,559 | | | 2,994,143 | | |
| 10/18/13 | | 12,855,027 | 2,473 | | 7.7 | 1.20 | 1.120 | 1,326,419 | 7.5 | 1.04 | 2,996,041 | 7.8 | 0.14 |
| | 11/01/13 | 12,867,815 | | October | | - | Pounds Cr | | | | | | |
| 11/01/13 | | 12,867,815 | 12,788 | 33,790 | | | 0.315 | 1,332,902 | | | 3,004,777 | | |
| 11/05/13 | | 12,876,841 | 9,026 | | 7.0 | 1.00 | 0.920 | 1,335,488 | 8.1 | 0.66 | 3,012,422 | 7.9 | 0.11 |
| 11/13/13 11/20/13 | | 12,903,367 12,924,566 | 26,526 21,199 | | 7.8 | 1.00 | 0.920 | 1,345,039 1,350,740 | 8.1 | 0.00 | 3,033,152 3,051,316 | 7.9 | 0.11 |
| 11/20/13 | 12/01/13 | 12,924,300 | 21,199 | November | | 1 | Pounds Cr | 1,330,740 | | | 3,031,310 | | + |
| 12/02/13 | 12/01/13 | 12,944,252 | 19,686 | 73,156 | | | 0.560 | 1,360,688 | | | 3,063,995 | | - |
| 12/10/13 | | 12,954,971 | 10,719 | , | 7.6 | 1.4 | 1.320 | 1,365,411 | 7.4 | 2.70 | 3,071,689 | 7.1 | 0.07 |
| 12/12/13 | | 12,957,411 | 2,440 | | | | | 1,366,744 | | | 3,073,244 | | |
| 12/23/13 | | 12,965,941 | 8,530 | | | | | 1,371,029 | | | 3,078,956 | | |
| 12/31/13 | | 12,970,459 | 4,518 | | | | | 1,373,592 | | | 3,081,611 | | |
| | 01/01/14 | 12,970,599 | | December | | | Pounds Cr | | | | | | |
| 01/01/14 | | 12,970,772 | 313 | 29,628 | | | 0.326 | 1,373,592 | | | 3,081,991 | | |
| 01/15/14 | | 12,976,884 | 6,112 | | 7.5 | 1.2 | 1.050 | 1,376,582 | 7.1 | 2.20 | 3,086,176 | 7.6 | 0.11 |
| 01/31/14 | | 12,983,061 | 6,177 | | | | | 1,379,605 | | | 3,090,406 | | |
| | 02/01/14 | 12,983,265 | | January | | | Pounds Cr | | | | | | |
| 02/02/14 | | 12,983,747 | 686 | 12,666 | | 1.0 | 0.111 | 1,380,032 | 0.4 | 0.00 | 3,090,789 | 0.0 | 0.40 |
| 02/13/14 | | 12,987,155 | 3,408 | | 8.0 | 1.8 | 1.610 | 1,381,726 | 8.1 | 2.88 | 3,093,093 | 8.3 | 0.19 |
| 02/28/14 | 03/01/14 | 12,993,603 12,993,783 | 6,448 | February | | | Pounds Cr | | | | | | + |
| 03/01/14 | 03/01/14 | 12,993,783 | 306 | 10,518 | | | 0.141 | | | | 1 | | + |
| 03/01/14 | | 13,005,882 | 11,973 | 10,010 | 7.6 | 0.38 | 0.141 | 1,385,639 | 7.7 | 5.80 | 3,112,477 | 8.0 | 0.30 |
| 03/31/14 | | 13,059,539 | | | | 0.00 | 0.104 | .,000,000 | | 0.00 | 3,112,477 | 5.5 | 0.00 |
| | 04/01/14 | 13,059,979 | 20,001 | March | | | Pounds Cr | | | | 1 | 1 | 1 |
| 04/01/14 | | 13,061,650 | 2,111 | 66,196 | | | 0.239 | 1,399,014 | | | 3,165,447 | | 1 |
| 04/12/14 | | 13,091,485 | 29,835 | | | | | 1,411,117 | | | 3,187,701 | | 1 |
| 04/13/14 | | 13,099,571 | 8,086 | | | | | 1,412,822 | | | 3,195,631 | | |
| 04/15/14 | | 13,135,912 | 36,341 | | | | | 1,424,711 | | | 3,224,028 | | |
| 04/18/14 | | 13,165,955 | 30,043 | | | | | 1,434,115 | | | 3,247,300 | | |
| 04/22/14 | | 13,210,016 | 44,061 | | 7.6 | 0.44 | 0.377 | 1,440,204 | 7.4 | 0.72 | 3,258,396 | 7.5 | 0.31 |
| | 05/01/14 | 13,211,258 | | April | | | Pounds Cr | | | | | | |
| 05/01/14 | | 13,211,345 | | 151,279 | | 0.77 | 0.475 | 1,451,524 | | | 3,282,450 | | |
| 05/13/14 | | 13,267,656 | 56,311 | | 7.5 | 0.28 | 0.273 | 1,471,868 | 7.3 | 0.73 | | 7.4 | 0.20 |
| 05/14/14 | | 13,280,912 | 13,256 | | | | | 1,475,015 | | | 3,337,773 | | |
| 05/15/14 | | 13,286,754 | 5,842 | | | | | 1,476,780 | | | 3,342,511 | | |
| 05/20/14 | | 13,304,068 | 17,314 | | l | | | 1,483,692 | | | 3,355,729 | | 1 |

| | | | OUT | FALL 001 | | | | Ма | nhole | #1 | M | anho | e #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|----------|---|--|--|-------|---|--|------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 06/01/14 | 13,332,599 | | May | | | Pounds Cr | | | | | | |
| 06/02/14 | | 13,336,115 | 32,047 | 121,341 | | | 0.276 | 1,495,755 | | | 3,382,176 | | |
| 06/12/14 | | 13,372,027 | 35,912 | | 7.9 | 0.40 | 0.381 | 1,508,756 | 7.6 | 0.60 | 3,410,073 | 7.8 | 0.20 |
| 06/14/14 | | 13,374,936 | 2,909 | | | | | 1,510,080 | | | 3,412,070 | | |
| 06/17/14 06/19/14 | | 13,379,348 | 4,412 | | | | | 1,512,220 | | | 3,415,268 | | |
| 06/20/14 | | 13,394,274 13,401,646 | 14,926 7,372 | | | | | 1,514,826 1,517,014 | | | 3,429,626 3,436,003 | | |
| 06/30/14 | | 13,444,046 | 42,400 | | | | | 1,531,745 | | | 3,430,003 | | |
| 00/00/14 | 07/01/14 | 13,445,046 | 42,400 | June | | | Pounds Cr | 1,532,601 | | | 3,472,302 | | |
| 07/01/14 | | 13,446,138 | 2,092 | 112,447 | | | 0.357 | 1 1 | | | -, , | | |
| 07/02/14 | | 13,449,088 | 2,950 | | | | | 1,533,460 | | | 3,475,127 | | |
| 07/09/14 | | 13,463,816 | 14,728 | | 7.7 | 0.68 | 0.689 | 1,539,906 | 7.4 | 1.0 | 3,486,800 | 7.4 | 1.0 |
| 07/14/14 | | 13,472,104 | 8,288 | | | | | 1,543,805 | | | 3,492,830 | | |
| 07/28/14 | | 13,480,642 | 8,538 | July | <u> </u> | | Pounds Cr | 1,551,065 | | | 3,501,179 | | |
| | 08/01/14 | 13,481,746 | | 36,700 | | | 0.211 | | | | | | |
| 08/01/14 | | 13,481,837 | 1,195 | | | 0.004 | 0.70 | 1,552,341 | 7.5 | 4.40 | 3,502,760 | 77 | 0.00 |
| 08/13/14 08/17/14 | | 13,495,032 13,502,593 | 13,195 7,561 | | 7.9 | 0.681 | 0.72 | 1,557,877 1,560,483 | 7.5 | 1.16 | 3,511,069 3,517,406 | 7.7 | 0.92 |
| 08/17/14 | | 13,502,593 | 6,853 | | | | | 1,560,483 | | | 3,517,406 | | |
| 08/20/14 | | 13,517,300 | 7,854 | | | | | 1,563,989 | | | 3,530,111 | | |
| 08/22/14 | | 13,525,676 | 8,376 | | | | | 1,567,014 | | | 3,536,533 | | |
| 08/25/14 | | 13,534,424 | 8,748 | | | | | 1,571,333 | | | 3,542,173 | | |
| 08/29/14 | | 13,539,488 | 5,064 | | | | | 1,573,914 | | | 3,545,371 | | |
| 08/30/14 | | 13,542,314 | 2,826 | August | | | Pounds Cr | 1,575,198 | | | 3,547,361 | | |
| | 09/01/14 | 13,543,999 | | 62,253 | | | 0.37 | | | | | | |
| 09/02/14 | | 13,546,601 | 4,287 | | | | | 1,577,338 | | | 3,550,419 | | |
| 09/05/14 | | 13,550,482 | 3,881 | | | | | 1,579,481 | | | 3,553,370 | | |
| 09/08/14 | | 13,562,709 | 12,227 | | | | 0.540 | 1,582,918 | 7.0 | 4.40 | 3,564,025 | 7.0 | 0.00 |
| 09/17/14 09/24/14 | | 13,579,703 13,593,114 | 16,994 13,411 | September | 7.9 | 0.60 | 0.546 Pounds Cr | 1,589,348 1,595,011 | 7.6 | 1.16 | 3,577,644 3,577,644 | 7.3 | 0.36 |
| 09/24/14 | 10/01/14 | 13,602,541 | 13,411 | 58,542 | | | 0.27 | 1,600,155 | | | 3,577,644 | | |
| 10/01/14 | 10/01/14 | 13,603,009 | 9,895 | 30,342 | | | 0.27 | 1,600,155 | | | 3,577,644 | | |
| 10/16/14 | | 13,633,400 | 30,391 | | 7.3 | 0.67 | 0.596 | 1,610,440 | 7.8 | 1.28 | 3,619,044 | 7.4 | 0.36 |
| 10/28/14 | | 13,658,462 | 25,062 | October | | | Pounds Cr | 1,621,724 | | | 3,636,660 | | |
| | 11/01/14 | 13,662,568 | | 60,027 | | | 0.298 | | | | | | |
| 11/01/14 | | 13,663,621 | 5,159 | | | | | 1,624,238 | | | 3,640,194 | | |
| 11/12/14 | | 13,672,756 | 9,135 | | 8.1 | 1.1 | 0.980 | 1,629,780 | 7.6 | 1.62 | 3,648,121 | 8.1 | 1.08 |
| 11/30/14 | | 13,695,977 | 23,221 | | | | | 1,640,533 | | | 3,663,353 | | |
| | 12/01/14 | 13,696,416 | | November | | | Pounds Cr | | | | | | |
| 12/01/14 | | 13,697,118 | 1,141 | 37,515 | | | 0.306 | 1,640,533 | | | 3,663,353 | | |
| 12/04/14 12/08/14 | | 13,701,386 13,705,980 | 4,268 4,594 | | | | | 1,643,108 1,645,245 | | | 3,666,947 3,670,118 | | |
| 12/08/14 | | 13,705,980 | | | 8.1 | 1.5 | 1.320 | 1,646,957 | 7.7 | 2.72 | 3,672,490 | 85 | 0.35 |
| 12/31/14 | | 13,768,265 | 58,779 | | 5.1 | | | 1,666,522 | | 2.12 | 3,720,581 | 5.0 | 0.00 |
| | 01/01/15 | 13,769,665 | | December | | | Pounds Cr | | | | | | |
| 01/01/15 | | 13,770,654 | 2,389 | 73,249 | | | 0.805 | 1,667,388 | | | 3,722,195 | | |
| 01/12/15 | | 13,785,790 | 15,136 | | 8.2 | 0.65 | 0.597 | 1,674,271 | 7.8 | 1.36 | 3,733,018 | 7.3 | 0.20 |
| 01/31/15 | | 13,798,407 | 12,617 | | | | | 1,679,866 | | | 3,742,191 | | |
| | 02/01/15 | 13,798,602 | | January | ļ | | Pounds Cr | | | | | | |
| 02/01/15 | | 13,798,727 | 320 | 28,937 | 0.4 | 0.74 | 0.144 | 1,679,866 | 70 | 4.40 | 3,742,588 | 74 | 0.47 |
| 02/04/15 | | 13,800,127 | 1,400 | | 8.1 | 0.74 | 0.721 | 1,680,719 | 7.9 | 1.48 | 3,743,379 | 7.1 | 0.17 |
| 02/16/15 02/20/15 | | 13,804,943 13,805,957 | 4,816 1,014 | | | | | 1,682,892 1,683,320 | | | 3,746,962 3,747,752 | | |
| 02/20/15 | | 13,805,957 | 1,014 | | | | | 1,683,745 | | | 3,748,542 | | |
| 02/24/15 | | 13,808,369 | 1,395 | | | | | 1,684,600 | | | 3,749,334 | | |
| | 03/01/15 | 13,808,507 | , | February | i | 1 | Pounds Cr | | | - | | | |
| 03/01/15 | | 13,808,690 | 321 | 9,905 | L | | 0.059 | 1,684,600 | L | | 3,749,728 | | |
| 03/18/15 | | 13,815,075 | 6,385 | | 8.2 | 0.80 | 0.713 | 1,687,150 | 7.2 | 1.00 | 3,757,618 | 8.0 | 0.34 |
| 03/23/15 | | 13,815,928 | 853 | | | | | 1,688,046 | | | 3,759,604 | | |
| 03/25/15 | | 13,816,332 | 404 | | L | | | 1,688,901 | | | 3,759,889 | | |
| 03/26/15 | | 13,816,697 | 365 | | | | | 1,689,329 | | | 3,760,382 | | |

| | | | OUTI | FALL 001 | | | | Ма | nhole | #1 | N | lanho | le #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|-------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 04/01/15 | 13,822,714 | | March | | | Pounds Cr | | | | | | |
| 04/07/15 | | 13,823,071 | 6,374 | 14,207 | | | 0.084 | 1,694,467 | | | 3,765,931 | | |
| 04/15/15 | | 13,856,854 | 33,783 | | 7.4 | 0.92 | 0.858 | 1,704,938 | 7.7 | 1.92 | 3,792,943 | 7.0 | 0.25 |
| 04/30/15 | | 13,885,187 | 28,333 | | | | | 1,718,370 | | | 3,812,262 | | |
| | 05/01/15 | 13,885,585 | | April | | | Pounds Cr | | | | | | |
| 05/04/15 | | 13,889,467 | 4,280 8,581 | 62,871 | 0.0 | 0.60 | 0.449 0.554 | 1,720,520 | 7.8 | 0.92 | 3,815,063 | 8.1 | 0.37 |
| 05/13/15 05/18/15 | | 13,898,048 13,905,897 | 7,849 | | 8.0 | 0.60 | 0.554 | 1,724,812 1,727,444 | 7.8 | 0.92 | 3,820,667 3,827,133 | 8.1 | 0.37 |
| 05/18/15 | | 13,905,897 | 3,468 | | | | | 1,727,444 | | | 3,830,304 | | + |
| 05/23/15 | | 13,909,305 | 5,599 | | | | | 1,728,740 | | | 3,830,304 | | - |
| 05/25/15 | | 13,920,921 | 5,957 | | | | | 1,733,052 | | | 3,839,818 | | - |
| 05/28/15 | | 13,937,530 | 16,609 | | | | | 1,736,965 | | | 3,854,997 | | 1 |
| | 06/01/15 | 13,958,452 | | May | | | Pounds Cr | .,, | | | | | - |
| 06/02/15 | | 13,967,174 | 29,644 | 72,867 | | | 0.336 | 1,746,201 | | | 3,878,793 | | 1 |
| 06/03/15 | | 13,970,819 | 3,645 | | | | | 1,747,948 | | | 3,881,197 | | |
| 06/10/15 | | 13,986,712 | 15,893 | | 7.4 | 0.60 | 0.547 | 1,755,299 | 7.1 | 0.66 | 3,892,044 | 7.2 | 0.27 |
| 06/16/15 | | 14,018,102 | 31,390 | | | | | 1,765,062 | | | 3,917,649 | | |
| 06/19/15 | | 14,042,191 | 24,089 | | | | | 1,772,128 | | | 3,937,351 | | |
| 06/28/15 | | 14,066,780 | 24,589 | | | | | 1,781,741 | | | 3,956,167 | | |
| 06/30/15 | | 14,069,200 | 2,420 | | | | | 1,783,061 | | | 3,957,962 | | |
| | 07/01/15 | 14,069,642 | | June | | | Pounds Cr | | | | | | |
| 07/01/15 | | 14,069,914 | 714 | 111,190 | | 0.07 | 0.506 | 1,783,061 | 7.0 | 0.00 | 3,957,962 | 75 | 0.00 |
| 07/08/15 | | 14,077,301 14,085,720 | 7,387 | | 7.7 | 0.37 | 0.351 | 1,787,623 1,790,678 | 7.2 | 0.68 | | 7.5 | 0.23 |
| 07/14/15 | | 14,085,720 | 8,419 28,309 | | | | | 1,790,678 | | | 3,970,192 3,993,110 | | + |
| 01/29/13 | 08/01/15 | 14,115,454 | 20,309 | July | | | Pounds Cr | 1,004,030 | | | 3,993,110 | | - |
| 08/05/15 | 00/01/10 | 14,117,883 | 3,854 | 45,812 | | | 0.134 | 1,807,395 | | | 3,995,776 | | - |
| 08/12/15 | | 14,131,529 | 13,646 | , | | 0.41 | 0.371 | 1,812,749 | 7.2 | 0.51 | | 7.1 | 0.19 |
| 08/17/15 | | 14,137,372 | 5,843 | | | | | 1,816,582 | | | 4,010,201 | | |
| 08/18/15 | | 14,138,406 | 1,034 | | | | | 1,817,349 | | | 4,011,060 | | |
| 08/27/15 | | 14,145,800 | 7,394 | | | | | 1,822,802 | | | 4,016,771 | | |
| | 09/01/15 | 14,151,425 | | August | | | Pounds Cr | | | | | | |
| 09/04/15 | | 14,155,393 | 9,593 | 35,971 | | | 0.111 | 1,828,088 | | | 4,025,183 | | |
| 09/09/15 | | 14,175,870 | 20,477 | | 7.6 | 0.23 | 0.208 | 1,833,613 | 7.2 | 0.72 | 4,041,266 | 7.0 | 0.14 |
| 09/18/15 | | 14,191,902 | 16,032 | | | | | 1,843,839 | | | 4,055,798 | | |
| 09/28/15 | | 14,211,188 | 19,286 | | | | | 1,852,031 | | | 4,069,063 | | |
| 09/29/15 | 10/04/45 | 14,211,559 | 371 | 0 | | | | 1,852,459 | | | 4,069,894 | | |
| 10/04/45 | 10/01/15 | 14,212,577 | 1,222 | September 61,152 | | | Pounds Cr 0.106 | 1 050 700 | | | 4.074.005 | | + |
| 10/01/15 10/07/15 | | 14,212,781 14,220,473 | 7,692 | 01,132 | | 0.72 | 0.661 | 1,853,738 1,856,721 | 7.2 | 1.26 | 4,071,365 4,071,365 | 7.3 | 0.16 |
| 10/07/15 | | 14,220,473 | 6,144 | | | 0.12 | 0.001 | 1,859,329 | 1.2 | 1.20 | 4,071,365 | 1.3 | 0.10 |
| 10/13/13 | | 14,233,700 | 7,083 | | | | | 1,863,168 | | | 4,082,924 | | 1 |
| 10/27/15 | | 14,241,197 | | | | | | 1,865,726 | | | 4,088,517 | | 1 |
| | 11/01/15 | 14,260,606 | , | October | | | Pounds Cr | | | | | | 1 |
| 11/02/15 | | 14,266,255 | 25,058 | 48,029 | | | 0.264 | 1,872,203 | | | 4,108,562 | | 1 |
| 11/12/15 | | 14,288,543 | 22,288 | | 7.7 | 0.73 | 0.700 | 1,882,551 | 7.3 | 1.20 | 4,122,107 | 7.6 | 0.26 |
| 11/30/15 | | 14,334,387 | 45,844 | | | | | 1,898,090 | | | 4,155,815 | | |
| | 12/01/15 | 14,336,677 | | November | | | Pounds Cr | | | | | | <u> </u> |
| 12/01/15 | | 14,339,197 | 4,810 | 76,072 | | | 0.443 | 1,899,821 | | | 4,159,227 | | |
| 12/10/15 | | 14,364,604 | 25,407 | | 7.9 | 0.69 | 0.627 | 1,910,218 | 7.4 | 0.66 | | 7.3 | 0.30 |
| 12/21/15 | | 14,458,622 | 94,018 | <u> </u> | | | | 1,937,179 | | | 4,246,823 | | |
| 04/04/45 | 01/01/16 | 14,487,544 | 00.055 | December | | | Pounds Cr | 4.040.005 | | | 1007.005 | | ┫───── |
| 01/01/16 | | 14,488,585 | 29,963 | 150,867 | 70 | 0.00 | 0.788 | 1,949,306 | 7 4 | 0.07 | 4,267,333 | 7.0 | 0.40 |
| 01/07/16 | 02/01/16 | 14,499,288 14,532,622 | 10,703 | January | 7.9 | 0.62 | 0.572 Pounds Cr | 1,954,033 | 7.4 | 0.87 | 4,274,451 | 7.6 | 0.40 |
| 02/01/16 | 02/01/10 | 14,532,622 | 33,850 | 45,078 | | | 0.215 | 1,971,254 | | | 4,316,580 | | + |
| 02/01/16 | | 14,553,156 | 28,874 | -0,070 | 8.1 | 0.87 | 0.215 | 1,971,234 | 7.6 | 0.61 | | 8.1 | 0.70 |
| 02/10/10 | | 14,601,368 | 39,356 | | 0.1 | 0.07 | 0.000 | 1,973,902 | 1.0 | 0.01 | 4,359,110 | 5.1 | 0.70 |

| | | | OUT | FALL 001 | | | | Ма | nhole | #1 | N | lanho | le #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|----------|---|--|--|-------|---|--|----------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | pН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | pН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | pН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 03/01/16 | 14,602,713 | | February | | | Pounds Cr | | - | , | , <u> </u> | - | |
| 03/01/16 | | 14,603,747 | 2,379 | 70,091 | | | 0.501 | 1,983,300 | | | 4,361,401 | | |
| 03/10/16 | | 14,625,282 | 21,535 | | 7.9 | 0.63 | 0.609 | 1,988,471 | 7.3 | 1.44 | 4,380,928 | 7.4 | 0.37 |
| 03/31/16 | | 14,728,685 | 103,403 | | | | | 2,017,845 | | | 4,463,804 | | |
| | 04/01/16 | 14,733,540 | | March | | | Pounds Cr | | | | | | |
| 04/02/16 | | 14,751,888 | 23,203 | 130,827 | | | 0.663 | 2,023,638 | | | 4,482,114 | | |
| 04/06/16 | 05/04/40 | 14,770,034 | 18,146 | A | 7.8 | 0.38 | 0.244 | 2,029,748 | 7.2 | 0.53 | 4,495,836 | 7.2 | 0.24 |
| 05/03/16 | 05/01/16 | 14,827,634 14,834,742 | 64,708 | April 94,094 | | | Pounds Cr 0.191 | 2,057,059 | | | 4,539,976 | | |
| 05/12/16 | | 14,834,742 | 19,070 | 54,054 | 7.6 | 0.70 | 0.645 | 2,057,059 | 7.2 | 0.47 | 4,539,976 | 7.1 | 0.69 |
| 05/17/16 | | 14,856,181 | 9,477 | | 7.0 | 0.70 | 0.045 | 2,067,406 | 1.2 | 0.+7 | 4,553,472 | 7.1 | 0.00 |
| | 06/01/16 | 14,889,570 | •, | May | | | Pounds Cr | _,, | | | .,, | | |
| 06/06/16 | | 14,902,417 | 46,236 | 61,936 | | | 0.333 | 2,086,371 | | | 4,585,701 | | |
| 06/08/16 | | 14,906,067 | 3,650 | | 7.5 | 0.43 | 0.406 | 2,088,096 | 7.1 | 0.69 | 4,587,959 | 7.1 | 0.25 |
| 06/19/16 | | 14,946,108 | 40,041 | | | | | 2,101,451 | | | 4,617,396 | | |
| | 07/01/16 | 14,980,911 | | June | | | Pounds Cr | | | | | | |
| 07/01/16 | | 14,983,214 | 37,106 | 91,341 | | 0.50 | 0.309 | 2,113,474 | 7.0 | 0.07 | 4,646,051 | 7.4 | 0.00 |
| 07/07/16 | | 14,998,455 | 15,241 38,063 | | 7.4 | 0.50 | 0.430 | 2,119,487 | 7.0 | 0.87 | 4,656,766 | 7.1 | 0.20 |
| 07/31/16 | 08/01/16 | 15,036,518 15,036,760 | 38,063 | July | | | Pounds Cr | 2,138,364 | | | 4,681,191 | | |
| 08/01/16 | 08/01/10 | 15,037,244 | 726 | 55,849 | | | 0.200 | 2,138,788 | | | 4,682,282 | | |
| 08/11/16 | | 15,047,013 | 9,769 | 00,040 | 7.4 | 0.61 | 0.583 | 2,144,319 | 7.1 | 0.98 | 4,687,103 | 7.1 | 0.12 |
| 08/24/16 | | 15,065,460 | 18,447 | | | | | 2,152,060 | | | 4,700,186 | | |
| | 09/01/16 | 15,080,715 | | August | | | Pounds Cr | | | | | | |
| 09/02/16 | | 15,081,239 | 15,779 | 43,955 | | | 0.213 | 2,159,787 | | | 4,709,523 | | |
| 09/08/16 | | 15,093,858 | 12,619 | | 7.2 | 0.41 | 0.355 | 2,164,508 | 7.1 | 0.60 | 4,718,876 | 6.9 | 0.17 |
| 09/15/16 | | 15,117,114 | 23,256 | | | | | 2,173,196 | | | 4,734,824 | | |
| 09/30/16 | 10/04/40 | 15,161,513 | 44,399 | 0 | | | | 2,190,037 | | | 4,766,164 | | |
| 10/01/16 | 10/01/16 | 15,162,610 15,162,976 | 1,463 | September 81,895 | | | Pounds Cr 0.242 | 2 100 800 | | | 4,766,917 | | |
| 10/01/16 | | 15,162,976 | 7,304 | 01,095 | 7.5 | 0.76 | 0.242 | 2,190,896 2,194,329 | 7.1 | 1.17 | 4,766,917 | 7.2 | 0.24 |
| 10/00/10 | 11/01/16 | 15,218,316 | 1,004 | October | 1.0 | 0.10 | Pounds Cr | 2,104,020 | | | 4,771,417 | 1.2 | 0.2 |
| 11/01/16 | 11/01/10 | 15,218,916 | 48,636 | 55,706 | | | 0.328 | 2,214,974 | | | 4,803,706 | | |
| 11/09/16 | | 15,231,072 | 12,156 | | 7.7 | 0.58 | 0.550 | 2,221,415 | 7.3 | 1.02 | 4,810,434 | 7.2 | 0.17 |
| 11/30/16 | | 15,257,768 | 26,696 | | | | | 2,231,705 | | | 4,829,512 | | |
| | 12/01/16 | 15,259,593 | | November | | | Pounds Cr | | | | | | |
| 12/01/16 | | 15,262,085 | 4,317 | 41,277 | | | 0.189 | 2,233,005 | | | 4,832,948 | | |
| 12/08/16 | | 15,278,159 | 16,074 | <u> </u> | 7.7 | 0.90 | 0.832 | 2,240,348 | 7.4 | 1.41 | 4,843,138 | 7.3 | 0.26 |
| 01/05/17 | 01/01/17 | 15,320,273 | 50.044 | December | | | Pounds Cr | | | | | | |
| 01/05/17 01/05/17 | | 15,328,203 15,328,203 | 50,044 | 60,680 | | 1.00 | 0.420 | 2,259,750 | 7.5 | 1.44 | 4,878,940 | 7.4 | 0.47 |
| 01/31/17 | | 15,387,622 | 59,419 | | | 1.00 | 0.000 | 2,239,730 | 7.5 | 1.44 | 4,933,594 | | 0.47 |
| | 02/01/17 | 15,387,845 | 00,110 | January | | | Pounds Cr | _,2, 2, 100 | | | .,200,004 | 1 | |
| 02/01/17 | | 15,388,387 | 765 | 67,572 | | | 0.504 | 2,272,625 | | | 4,933,971 | | |
| 02/09/17 | | 15,399,455 | 11,068 | | 7.8 | 0.56 | 0.542 | 2,277,351 | 7.5 | 0.99 | 4,941,836 | 7.1 | 0.13 |
| ┫━━━━━━Ҭ | 03/01/17 | 15,452,749 | | February | | | Pounds Cr | | | | | | |
| 03/08/17 | | 15,476,369 | 76,914 | 64,904 | <u> </u> | | 0.305 | | | | | | - |
| 03/08/17 | | 15,476,369 | 0 | | 7.8 | 0.59 | 0.539 | 2,302,121 | 7.3 | 1.14 | 5,002,178 | 7.3 | 0.26 |
| 03/14/17 | | 15,497,125 | 20,756 | | | | | 2,309,539 | | | 5,016,906 | <u> </u> | |
| 03/25/17 03/29/17 | | 15,528,765 15,542,291 | 31,640 13,526 | | | | | 2,321,231 2,325,638 | | | 5,039,669 5,049,699 | - | |
| 00/20/11 | 04/01/17 | 15,558,808 | 10,020 | March | | | Pounds Cr | 2,020,000 | | | 0,040,000 | | |
| 04/02/17 | | 15,562,275 | 19,984 | 106,059 | | | 0.476 | 2,333,037 | | | 5,064,049 | 1 | İ |
| 04/06/17 | | 15,582,526 | 20,251 | | 7.7 | 0.43 | 0.405 | 2,340,089 | 7.3 | 0.57 | 5,064,049 | 7.3 | 0.27 |
| 04/27/17 | | 15,676,954 | 94,428 | | | | | 2,372,953 | | | 5,146,405 | | |
| | 05/01/17 | 15,703,639 | | April | | | Pounds Cr | | | | | | |
| 05/04/17 | | 15,728,166 | 51,212 | 144,831 | | | 0.488 | | | | | | |
| 05/04/17 | | 15,728,166 | 0 | | 7.6 | 0.28 | 0.257 | 2,387,552 | 7.1 | 0.36 | 5,185,807 | 6.8 | 0.21 |
| 06/08/17 | 06/01/17 | 15,796,047 | 00.070 | May | | | Pounds Cr | | | | | | |
| 00/06/17 | | 15,812,038 | 83,872 | 92,408 | 7.5 | 0.35 | 0.198 | 2,421,837 | 7.1 | 0.36 | 5,243,312 | 1 | 0.16 |

| | | | OUTI | FALL 001 | | | | Ма | nhole | #1 | M | anho | le #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|----------|---|--|----------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 07/01/17 | 15,888,740 | | June | | | Pounds Cr | | | | | | |
| 07/01/17 | | 15,891,390 | 79,352 | 92,693 | | | 0.251 | | | | | | |
| 07/06/17 | | 15,902,647 | 11,257 | | 7.5 | 0.57 | 0.525 | 2,453,044 | 7.1 | 0.69 | 5,309,639 | 7.0 | 0.50 |
| 07/31/17 | | 15,945,154 | 42,507 | | | | | 2,472,011 | | | 5,337,122 | | |
| 08/01/17 | 08/01/17 | 15,945,504 | 700 | July 56,764 | | | Pounds Cr 0.248 | 0.470.400 | | | 5 227 402 | | |
| 08/01/17 | | 15,945,880 15,958,437 | 726 12,557 | 50,704 | 7.4 | 0.68 | 0.624 | 2,472,438 2,478,016 | 7.0 | 0.66 | 5,337,492 5,347,291 | 6.9 | 0.38 |
| 08/09/17 | 09/01/17 | 15,992,489 | 12,557 | August | 7.4 | 0.00 | Pounds Cr | 2,470,010 | 7.0 | 0.00 | 5,547,291 | 0.9 | 0.36 |
| 09/07/17 | 03/01/17 | 16,001,926 | 43,489 | 46,985 | | | 0.244 | 2,472,438 | | | 5,337,492 | | |
| 09/07/17 | | 16,001,926 | 0 | , | 7.4 | 0.50 | 0.488 | 2,497,770 | 7.1 | 0.68 | 5,375,524 | 6.9 | 0.14 |
| 09/29/17 | | 16,031,780 | 29,854 | | | | | 2,510,609 | | | 5,395,101 | | |
| | 10/01/17 | 16,034,956 | | September | | | Pounds Cr | | | | | | |
| 10/03/17 | | 16,035,404 | 3,624 | 42,467 | | | 0.173 | 2,512,318 | | | 5,397,338 | | |
| 10/05/17 | | 16,037,996 | 2,592 | | 7.5 | 0.44 | 0.410 | 2,513,176 | 7.1 | 1.14 | 5,399,232 | 6.7 | 0.12 |
| | 11/01/17 | 16,080,246 | | October | | | Pounds Cr | | | | | | |
| 11/07/17 | | 16,090,463 | 52,467 | 45,290 | | | 0.155 | 2,536,891 | | | 5,436,850 | 7.0 | |
| 11/09/17 | | 16,092,667 | 2,204 | | 7.6 | 0.76 | 0.718 | 2,538,180 | 7.2 | 0.99 | 5,437,985 | 7.2 | 0.22 |
| 11/15/17 11/30/17 | | 16,098,379 16,109,689 | 5,712 | | | | | 2,541,643 2,549,030 | | | 5,441,055 | | |
| 11/30/17 | 12/01/17 | 16,110,147 | 11,310 | November | | | Pounds Cr | 2,549,030 | | | 5,450,173 | | |
| 12/03/17 | 12/01/17 | 16,112,117 | 2,428 | 29,901 | | | 0.179 | 2.550.308 | | | 5,451,687 | | |
| 12/03/17 | | 16,115,265 | 3,148 | 23,501 | 7.4 | 0.82 | 0.755 | 2,551,590 | 7.4 | 1.29 | 5,453,973 | 7.4 | 0.20 |
| 12/14/17 | | 16,121,000 | 5,735 | | | 0.02 | 0.100 | 2,551,590 | | | 5,453,973 | | 0.20 |
| 12/31/17 | | 16,131,936 | 10,936 | | | | | 2,560,147 | | | 5,464,203 | | |
| | 01/01/18 | 16,132,116 | | December | | | Pounds Cr | | | | | | |
| 01/01/18 | | 16,132,328 | 392 | 21,969 | | | 0.138 | 2,560,571 | | | 5,464,203 | | |
| 01/04/18 | | 16,133,697 | 1,369 | | | 0.78 | 0.734 | 2,560,993 | | 0.41 | 5,465,331 | | 0.04 |
| | 02/01/18 | 16,144,665 | | January | | | Pounds Cr | | | | | | |
| 02/01/18 | | 16,144,863 | 11,166 | 12,549 | | | 0.077 | 2,566,068 | | 4.00 | 5,472,876 | | 0.10 |
| 02/08/18 | | 16,147,315 | 2,452 | | 7.8 | 0.75 | 0.906 | 2,567,326 | 7.4 | 1.68 | 5,474,376 | 7.2 | 0.16 |
| 02/28/18 | 03/01/18 | 16,155,889 16,156,053 | 8,574 | February | | | Pounds Cr | 2,570,306 | | | 5,481,207 | | |
| 03/01/18 | 03/01/18 | 16,156,211 | 322 | 11,388 | | | 0.086 | 2,570,306 | | | 5,481,586 | | |
| 03/08/18 | | 16,163,746 | 7,535 | 11,000 | 7.7 | 0.52 | 0.526 | 2,574,570 | 7.4 | 0.78 | 5,485,747 | 7.2 | 0.20 |
| 03/27/18 | | 16,183,153 | 19,407 | | | 0.02 | 0.020 | 2,585,717 | | 0110 | 5,495,623 | | 0.20 |
| 03/31/18 | | 16,188,615 | 5,462 | | | | | 2,472,869* | | | 5,499,048 | | |
| | 04/01/18 | 16,189,199 | | March | | | Pounds Cr | | | | | | |
| 04/01/18 | | 16,190,057 | 1,442 | 33,146 | | | 0.145 | 2,473,316 | | | 5,500,204 | | |
| 04/05/18 | | 16,195,349 | 5,292 | | 7.7 | 0.60 | 0.585 | 2,476,332 | 7.3 | 0.84 | 5,502,874 | 7.4 | 0.35 |
| 04/10/18 | | 16,203,721 | 8,372 | | | | ļ | 2,480,242 | | | 5,508,217 | | ļ |
| 04/25/18 | | 16,302,239 | 98,518 | | | | | 2,508,161 | | | 5,586,326 | | |
| 04/30/18 | 05/01/18 | 16,328,835 16.330.212 | 26,596 | April | | | Pounds Cr | 2,516,938 | <u> </u> | | 5,606,361 | | <u> </u> |
| 05/01/18 | 05/01/18 | 16,330,212 | 2,209 | 141,013 | | | 0.687 | 2,517,809 | | | 5,607,864 | | 1 |
| 05/04/18 | | 16,360,268 | 2,209 | 141,015 | | | 0.007 | 2,517,809 | | | 5,630,632 | | <u> </u> |
| 05/10/18 | | 16,409,694 | 49,426 | | 7.6 | 0.30 | 0.315 | 2,520,303 | 7.2 | 0.51 | 5,667,843 | 6.8 | 0.19 |
| 05/22/18 | | 16,428,757 | 19,063 | | - | | | 2,547,991 | | | 5,681,939 | | |
| 05/24/18 | | 16,455,003 | 26,246 | | | | | 2,557,801 | | | 5,698,300 | | |
| 05/29/18 | | 16,462,967 | 7,964 | | | | | 2,562,178 | | | 5,702,537 | | |
| | 06/01/18 | 16,466,594 | | Мау | | | Pounds Cr | ļ | | | | | ļ |
| 06/01/18 | | 16,467,299 | 4,332 | 136,382 | | | 0.358 | 2,563,476 | L | | 5,705,975 | <u> </u> | ļ |
| 06/05/18 | | 16,476,100 | 8,801 | | 7.0 | 0.00 | 0.000 | 2,566,515 | | 0.50 | 5,712,597 | 7.0 | 0.01 |
| 06/07/18 | | 16,480,044 | 3,944 | | 7.6 | 0.38 | 0.382 | 2,568,258 | 7.1 | 0.53 | 5,715,101 | 7.3 | 0.21 |
| 06/30/18 | 07/01/18 | 16,537,167 16,537,690 | 57,123 | June | | | Pounds Cr | 2,588,614 | | | 5,756,117 | | |
| 07/01/18 | 07701718 | 16,538,238 | 1,071 | 71,096 | | | 0.226 | 2,589,032 | | | 5,756,879 | | 1 |
| 07/05/18 | | 16,542,427 | 4,189 | ,000 | 7.6 | 0.31 | 0.311 | 2,589,032 | 7.2 | 0.57 | 5,759,920 | 7.1 | 0.16 |
| 07/12/18 | | 16,545,145 | | | | 2.01 | | 2,594,639 | | 0.01 | 5,763,368 | | 0.10 |
| 07/19/18 | | 16,553,309 | 8,164 | | | 1 | | 2,597,639 | <u> </u> | 1 | 5,766,777 | | |
| 07/31/18 | | 16,571,725 | 18,416 | | | | | 2,604,452 | | | 5,779,752 | | |

| | c | | | FALL 001 | | | | Ма | nhole | #1 | M | lanho | le #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|-------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рH | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рH | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| Date Actual | 08/01/18 | 16,571,996 | neuung | July | рп | 4.0 mg/2j | Pounds Cr | (guilons) | pii | rat (ing/L) | (guilons) | pii | (|
| 08/01/18 | 00/01/10 | 16,572,495 | 770 | 34,306 | | ł | 0.089 | 2,589,032 | | | 5,756,879 | | |
| 08/08/18 | | 16,581,462 | 8,967 | 34,300 | | 0.43 | 0.438 | 2,608,818 | 7.1 | 0.55 | 5,785,813 | 7.0 | 0.27 |
| 08/31/18 | | 16,637,913 | 56,451 | | | 0.43 | 0.430 | 2,600,810 | 7.1 | 0.55 | 5,828,591 | 7.0 | 0.27 |
| 00/01/10 | 09/01/18 | 16,640,165 | 00,401 | August | | | Pounds Cr | 2,020,040 | | | 0,020,001 | | |
| 09/01/18 | 00/01/10 | 16,641,711 | 3,798 | 68,169 | | | 0.125 | 2,631,151 | | | 5,831,336 | | |
| 09/06/18 | | 16,695,169 | 53,458 | , | 7.5 | 0.24 | 0.256 | 2,646,502 | 7.1 | 0.59 | 5,871,311 | 6.7 | 0.08 |
| 09/17/18 | | 16,734,724 | 39,555 | | | - | | 2,659,921 | | | 5,899,762 | - | |
| 09/18/18 | | 16,738,499 | 3,775 | | | | | 2,660,806 | | | 5,903,277 | | |
| 09/30/18 | | 16,775,825 | 37,326 | | | | | 2,672,955 | | | 5,932,062 | | |
| | 10/01/18 | 16,776,168 | | September | | | Pounds Cr | | | | | | |
| 10/01/18 | | 16,776,700 | 875 | 136,003 | | | 0.290 | 2,673,387 | | | 5,932,454 | | |
| 10/03/18 | | 16,785,853 | 9,153 | | 7.8 | 0.30 | 0.303 | 2,675,556 | 7.3 | 0.60 | 5,940,463 | 7.1 | 0.22 |
| 10/25/18 | | 16,899,216 | 113,363 | | | | | 2,709,668 | | | 6,027,153 | | |
| | 11/01/18 | 16,908,245 | | October | | | Pounds Cr | | | | | | |
| 11/01/18 | | 16,908,712 | 9,496 | 132,077 | | | 0.333 | 2,713,560 | | | 6,033,788 | | |
| 11/07/18 | | 16,921,099 | 12,387 | | 7.7 | 0.38 | 0.424 | 2,717,458 | 7.1 | 0.36 | 6,044,211 | 6.8 | 0.34 |
| 11/12/18 | | 16,936,140 | 15,041 | | | | | 2,723,181 | | | 6,054,634 | | |
| 11/14/18 | | 16,940,487 | 4,347 | | | | | 2,725,362 | | | 6,057,406 | | |
| 11/16/18 | | 16,944,318 | 3,831 | | | | | 2,727,099 | | | 6,059,771 | | |
| 11/19/18 | | 16,949,417 | 5,099 | | | | | 2,729,266 | | | 6,063,298 | | |
| | 12/01/18 | 16,964,903 | | November | | - | Pounds Cr | | | | | | |
| 12/06/18 | | 16,972,133 | 22,716 | 56,658 | | 0.50 | 0.200 | 2,738,784 | 7.4 | 0.50 | 6,080,566 | 7.0 | 0.45 |
| 12/06/18 | 04/04/40 | 16,972,133 | 0 | December | 8.0 | 0.52 | 0.521 | 2,738,784 | 7.4 | 0.53 | 6,080,566 | 7.2 | 0.45 |
| 01/04/10 | 01/01/19 | 17,020,007 | 48,943 | December 55,104 | | | Pounds Cr 0.239 | 0.757.400 | | | 0.110.100 | | |
| 01/04/19 01/10/19 | | 17,021,076 17,051,054 | 29,978 | 55,104 | 7.8 | 0.26 | 0.239 | 2,757,483 2,765,903 | 7.2 | 0.41 | 6,116,420 6,140,244 | 7.0 | 0.18 |
| 01/10/19 | 02/01/19 | 17,085,876 | 29,970 | January | 7.0 | 0.20 | Pounds Cr | 2,705,905 | 1.2 | 0.41 | 0,140,244 | 7.0 | 0.10 |
| 02/01/19 | 02/01/19 | 17,086,762 | 35,708 | 65,869 | | 1 | 0.135 | 2,779,438 | | | 6,166,376 | | |
| 02/07/19 | | 17,092,183 | 5,421 | 00,000 | 8.0 | 0.36 | 0.398 | 2,781,163 | 7.5 | 0.37 | 6,170,668 | 7.3 | 0.35 |
| 02/01/10 | 03/01/19 | 17,108,085 | 0,421 | February | 0.0 | 0.00 | Pounds Cr | 2,701,100 | 1.0 | 0.07 | 0,110,000 | 1.0 | 0.00 |
| 03/01/19 | 00/01/10 | 17,108,314 | 16,131 | 22.209 | | | 0.074 | 2,786,817 | | | 6,183,118 | | |
| 03/07/19 | | 17,112,149 | 3,835 | , | 7.9 | 0.29 | 0.296 | 2,788,121 | 7.4 | | 6,186,219 | 7.4 | |
| 03/26/19 | | 17,201,867 | 89,718 | | | | | 2,810,744 | | | 6,261,318 | | |
| | 04/01/19 | 17,220,303 | | March | | | Pounds Cr | 11 | | | -, - , | | |
| 04/02/19 | | 17,221,255 | 19,388 | 112,218 | | | 0.277 | 2,818,615 | | | 6,274,417 | | |
| 04/02/19 | | 17,221,255 | 0 | | 7.7 | 0.40 | 0.408 | 2,818,615 | 7.2 | 0.53 | 6,274,417 | 7.2 | 0.15 |
| 04/18/19 | | 17,270,735 | 49,480 | | | | | 2,834,848 | | | 6,312,336 | | |
| 04/30/19 | | 17,336,326 | 65,591 | | | | | 2,855,668 | | | 6,362,011 | | |
| | 05/01/19 | 17,338,042 | | April | | | Pounds Cr | | | | | | |
| 05/01/19 | | 17,340,509 | 4,183 | 117,739 | | | 0.400 | 2,856,981 | | | 6,365,212 | | |
| 05/09/19 | | 17,366,641 | 26,132 | | 7.8 | 0.43 | 0.441 | 2,866,635 | 7.2 | 0.39 | 6,383,940 | 7.2 | 0.66 |
| | 06/01/19 | 17,467,893 | | May | | | Pounds Cr | | | | | | |
| 06/06/19 | | 17,492,562 | 125,921 | 129,851 | | | 0.477 | 2,856,981 | | | 6,365,212 | | |
| 06/06/19 | | 17,492,562 | 0 | | 7.6 | 0.23 | 0.249 | 2,908,632 | 7.2 | 0.32 | 6,478,871 | 7.0 | 0.22 |
| 06/11/19 | | 17,502,105 | 9,543 | | | | | 2,912,952 | | | 6,486,321 | | |
| 06/18/19 | 07/01/19 | 17,525,532 17,581,030 | 23,427 | June | | | Pounds Cr | 2,920,258 | | | 6,503,730 | | |
| 07/08/19 | 07/01/19 | · · · · | 00 204 | 113,137 | | ł | 0.235 | 2,947,437 | | | 6,572,415 | | 1 |
| 07/08/19 | | 17,613,923 17,619,393 | 88,391 5,470 | 113,137 | 7.6 | 0.25 | 0.235 | 2,947,437 | 7.1 | 0.48 | | 7.0 | 0.12 |
| 07/10/19 | | 17,619,393 | 17,235 | | 7.0 | 0.20 | 0.223 | 2,949,581 | 1.1 | 0.40 | 6,590,064 | 7.0 | 0.12 |
| 07/23/19 | | 17,644,137 | 7,509 | | | | | 2,958,908 | | | 6,596,369 | | |
| 07/26/19 | | 17,655,780 | 11,643 | | | | | 2,950,908 | | | 6,602,890 | | |
| 07/31/19 | | 17,662,536 | 6,756 | | | 1 | | 2,965,324 | | | 6,606,751 | | 1 |

| | | | OUTI | FALL 001 | | | | Ма | nhole | #1 | N | lanho | le #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|----------|---|--|--|-------|---|--|----------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | pН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 08/01/19 | 17,662,953 | | July | • | | Pounds Cr | | - | | | | |
| 08/01/19 | | 17,663,650 | 1,114 | 81,923 | | | 0.156 | 2,965,752 | | | 6,607,522 | | |
| 08/07/19 | | 17,674,432 | 10,782 | | 7.7 | 0.37 | 0.383 | 2,969,223 | 7.3 | 0.38 | 6,615,773 | 7.5 | 0.30 |
| 08/31/19 | | 17,712,769 | 38,337 | | | | | 2,984,986 | | | 6,643,285 | | |
| | 09/01/19 | 17,713,001 | | August | | | Pounds Cr | | | | | | |
| 09/01/19 | | 17,713,872 | 1,103 | 50,048 | | | 0.160 | 2,985,412 | | | 6,644,057 | | |
| 09/05/19 | | 17,719,385 | 5,513 | | 7.8 | 0.48 | 0.489 | 2,987,590 | 7.3 | 0.50 | 6,644,933 | 7.3 | 0.43 |
| 09/18/19 | | 17,790,650 | 71,265 | | | | | 3,009,066 | | | 6,701,147 | | |
| 09/30/19 | 10/01/10 | 17,829,959 | 39,309 | Contombor | | | Deursde Cr | 3,022,795 | | | 6,730,481 | | |
| 10/01/19 | 10/01/19 | 17,830,522 17,831,112 | 1,153 | September 117,521 | | | Pounds Cr 0.479 | 2,985,412 | | | 6,644,057 | | |
| 10/01/19 | | 17,895,551 | 64,439 | 117,521 | 7.7 | 0.23 | 0.239 | 3,042,581 | 7.4 | 0.35 | 6,779,975 | 7.2 | 0.16 |
| 10/31/19 | | 17,949,436 | 53,885 | | 1.1 | 0.20 | 0.200 | 3,063,263 | | 0.00 | 6,819,059 | 1.2 | 0.10 |
| 10,01/10 | 11/01/19 | 17,950,221 | 20,000 | October | | | Pounds Cr | 2,000,200 | | | 2,0.0,000 | | ł |
| 11/01/19 | | 17,950,822 | 1,386 | 119,699 | | 1 | 0.238 | 3,063,964 | | - | 6,819,849 | | |
| 11/07/19 | | 17,964,181 | 13,359 | | 8.0 | 0.36 | 0.343 | 3,069,346 | 7.5 | 0.39 | 6,828,897 | 7.7 | 0.26 |
| 11/30/19 | | 18,029,863 | 65,682 | | | | | 3,091,286 | | | 6,879,193 | | |
| | 12/01/19 | 18,031,315 | | November | | | Pounds Cr | | | | | | |
| 12/01/19 | | 18,032,559 | 2,696 | 81,094 | | | 0.232 | 3,091,718 | | | 6,881,218 | | |
| 12/06/19 | | 18,058,482 | 25,923 | | 8.0 | 0.35 | 0.343 | 3,099,656 | 7.3 | 0.34 | 6,901,417 | 7.8 | 0.14 |
| 12/31/19 | | 18,123,426 | 64,944 | | | | | 3,122,055 | | | 6,954,035 | | |
| | 01/01/20 | 18,126,523 | | December | | | Pounds Cr | | | | | | |
| 01/01/20 | | 18,127,980 | 4,554 | 95,208 | 7.0 | 0.40 | 0.272 | 3,122,936 | 7.0 | 0.42 | 6,954,035 | 7.0 | 0.44 |
| 01/03/20 | | 18,137,077 | 9,097 | | 7.9 | 0.46 | 0.438 | 3,125,583 | 7.6 | 0.43 | 6,961,319 | 7.6 | 0.41 |
| 01/31/20 | 02/01/20 | 18,185,942 18,188,180 | 48,865 | January | | | Pounds Cr | 3,144,421 | | | 6,996,350 | | |
| 02/03/20 | 02/01/20 | 18,188,411 | 2,469 | 61,657 | | | 0.225 | 3,145,281 | | | 6,998,288 | | |
| 02/03/20 | | 18,193,814 | 5,403 | 01,001 | 8.0 | 0.60 | 0.562 | 3,147,017 | 7.6 | 0.28 | 7,002,580 | 7.9 | 0.22 |
| 02/28/20 | | 18,215,202 | 21,388 | | 0.0 | 0.00 | 0.002 | 3,155,718 | | 0.20 | 7,017,733 | | 0.22 |
| | 03/01/20 | 18,217,070 | | February | | | Pounds Cr | | | | | | |
| 03/02/20 | | 18,218,425 | 3,223 | 28,890 | | | 0.135 | 3,157,017 | | | 7,020,060 | | |
| 03/06/20 | | 18,227,194 | 8,769 | | 8.0 | 0.81 | 0.776 | 3,159,176 | 7.4 | 0.53 | 7,027,934 | 7.9 | 0.44 |
| 03/31/20 | | 18,382,609 | 155,415 | | | | | 3,201,453 | | | 7,154,334 | | |
| | 04/01/20 | 18,384,172 | | March | | | Pounds Cr | | | | | | |
| 04/01/20 | | 18,388,797 | 6,188 | 167,102 | | | 1.080 | 3,203,232 | | | 7,159,271 | | |
| 04/10/20 | | 18,415,384 | 26,587 | | 8.1 | 0.25 | 0.237 | 3,213,356 | 7.7 | 0.18 | 7,178,272 | 8.1 | 0.16 |
| 04/30/20 | 05/04/00 | 18,455,631 | 40,247 | A | | | | 3,228,721 | | | 7,207,059 | | |
| 05/01/20 | 05/01/20 | 18,456,245 | 1.040 | April 72,073 | | | Pounds Cr 0.142 | 2 220 502 | | | 7 000 000 | | |
| 05/01/20 | | 18,457,479 18,465,286 | 1,848 7,807 | 12,013 | 8.0 | 0.26 | 0.142 | 3,229,593 3,233,088 | 7.5 | 0.18 | 7,208,236 7,213,316 | 7.9 | 0.12 |
| 05/07/20 | | 18,465,286 | 82,578 | | 0.0 | 0.20 | 0.202 | 3,233,088 | 1.5 | 0.10 | 7,213,316 | 1.3 | 0.12 |
| 00,00,20 | 06/01/20 | 18,552,699 | 02,070 | May | <u> </u> | | Pounds Cr | 5,201,000 | | | .,2,0,000 | <u> </u> | ł |
| 06/01/20 | | 18,555,721 | 7,857 | 96,454 | | 1 | 0.210 | 3,264,658 | | - | 7,279,075 | | |
| 06/04/20 | | 18,563,811 | 8,090 | - | 7.8 | 0.28 | 0.282 | 3,267,737 | 7.3 | 0.20 | 7,284,611 | 7.5 | 0.20 |
| 06/30/20 | | 18,636,606 | 72,795 | | | | | 3,294,057 | | | 7,339,953 | | |
| | 07/01/20 | 18,637,892 | | June | | | Pounds Cr | | | | | | |
| 07/01/20 | | 18,638,722 | 2,116 | 85,193 | | | 0.200 | 3,294,931 | | | 7,341,133 | <u> </u> | |
| 07/10/20 | | 18,652,865 | 14,143 | | 7.9 | 0.29 | 0.284 | 3,301,008 | 7.3 | 0.23 | 7,350,478 | 7.5 | 0.20 |
| 07/31/20 | | 18,723,698 | 70,833 | 1.2 | | | | 3,324,361 | | | 7,403,193 | <u> </u> | } |
| 00/00/00 | 08/01/20 | 18,724,228 | 4 507 | July | - | | Pounds Cr | 2 220 500 | | | 7 405 040 | | |
| 08/03/20 08/06/20 | | 18,728,205 18,731,111 | 4,507 2,906 | 86,336 | 7.8 | 0.33 | 0.204 | 3,326,528 3,327,827 | 7.3 | 0.34 | 7,405,919 7,407,858 | 7.5 | 0.18 |
| 08/06/20 | | 18,753,077 | 2,906 | | 1.0 | 0.00 | 0.340 | 3,339,110 | 1.3 | 0.34 | 7,407,858 | 7.5 | 0.10 |
| 00/01/20 | 09/01/20 | 18,753,491 | 21,000 | August | | | Pounds Cr | 0,000,110 | | | 7,721,702 | | |
| 09/01/20 | 00,01120 | 18,753,819 | 742 | 29,263 | | | 0.084 | 3,339,541 | | | 7,421,789 | | 1 |
| 09/11/20 | | 18,760,472 | 6,653 | -, | 8.1 | 0.57 | 0.544 | 3,343,863 | 7.3 | 0.45 | 7,427,984 | 7.6 | 0.41 |
| 09/30/20 | | 18,792,498 | 32,026 | | | | | 3,358,277 | | | 7,446,675 | 1 | |
| | 10/01/20 | 18,792,926 | | September | | | Pounds Cr | | | | | | |
| 10/01/20 | | 18,793,222 | 724 | 39,435 | | | 0.179 | 3,358,711 | | | 7,427,060 | | |
| 10/08/20 | | 18,800,494 | 7,272 | | 8.1 | 0.50 | 0.497 | 3,362,178 | 7.4 | 0.30 | 7,451,303 | 7.6 | 0.26 |
| 10/30/20 | | 18,848,450 | 47,956 | | | | | 3,382,506 | | | 7,482,072 | | |

| Date Discharge (gallon) Norskryge Besten wite (gallon) Norskryge (gallon) Norskryge | | | | OUT | FALL 001 | | | | Ма | nhole | #1 | N | lanho | le #2 |
|---|-------------|------------|----------------------|-----------------------------|-----------|----------|--|--|-------------------------|-------|-----------------------|-------------------------|----------|---|
| 1110220 18.852886 4.188 7.688 0.238 3.386.397 7.3 7.64.405 7.7 1100200 18.05.102 47.28 0.388 0.388 3.80.397 7.3 0.57.847.465 7.7 120100 18.05.102 47.28 Nevember Pounds Cr. 7.55.394 7.55.394 120110 18.05.102 11.112 55.177 6.77 0.478 3.403.76 7.56 0.44 7.53.405 7.58 1.55.178 7.8 1.55.178 7.8 1.55.178 7.8 1.55.178 7.8 1.55.178 7.8 1.55.178 7.8 1.55.178 7.8 1.55.178 1.55.1 | Date Actual | For Linear | Discharge Reading | Discharged Between Meter | Discharge | рН | Chromium Lab Analysis (mg/L) [Local Limit | Chromium Lab Analysis ¹ (mg/L) [Local | Totalizer #1 Reading | рН | Chromium Hach Test | Totalizer #2 Reading | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| 110000 18.87/374 5.28 8.0 0.38 0.38 3.87/344 7.8 0.00 7.47 110000 18.905/874 November Paunds Cr 7.23.364 7.533.48 1201/00 18.906/21 6.112 55.17 0.46 0.466 3.400.707 7.504.48 1201/00 18.916.201 9.917 6.2 0.46 0.460 3.400.707 7.6 0.47 1201/00 18.916.201 9.917 6.2 0.46 0.460 3.412.48 7.504.47 7.3 0101021 18.924.98 2.462 8.0 0.42 0.461 3.413.28 7.55.962 7.55.962 020021 18.946.98 1.322 15.913 2.0043 0.461 3.413.28 7.55.962 | | 11/01/20 | 18,850,614 | | October | | | Pounds Cr | | | | | | |
| 113.000 113.005,102 47.281 November Pounds Cr. 3.402.842 7.83.384 Pounds Cr. 1201/00 113.062.11 1.112 55.117 0.778 3.403.078 7.5 0.447 7.51 7.5 1201/00 18.056.21 9.077 0.456 3.400.700 7.6 0.447 7.51 7.6 7.6 0.447 7.51 7.6 0.447 7.51 7.6 0.447 7.51 7.6 0.447 7.51 7.6 0.447 7.51 7.6 0.447 7.51 7.6 0.47 7.51 7.6 0.47 7.51 7.51 7.51 7.51 7.51 7.51 7.51 7.55< | 11/02/20 | | 18,852,636 | 4,186 | 57,688 | | | 0.239 | 3,384,697 | | | 7,484,406 | | |
| Image: constraint of the second sec | | | | | | 8.0 | 0.38 | 0.388 | | 7.3 | 0.50 | | 7.7 | 0.13 |
| 1201/00 18.806.244 1.112 55.117 0.476 3.400.700 7.804.865 7.804.865 1221/20 18.8291.39 12.938 0.46 0.46 0.464 7.804.471 7.804.471 1201/21 18.8291.39 12.938 0.46 0.46 3.412.085 7.840.471 7.940.471 0.101/21 18.8291.39 7.34 23.690 0.090 3.412.485 7.640.800 7.540.800 0.10021 18.929.873 7.34 23.690 0.042 0.413.533 7.6 7.540.800 7.540.800 0.10021 18.929.873 7.34 23.690 0.041 3.413.581 7.6 7.550.785 0.20021 18.944.984 1.021 15.513 0.042 7.81.522 7.551.562 7.551.562 0.200121 18.946.804 0.624 6.2 0.43 0.410.67 7.80.761 7.85.761 0.200121 19.096.206 6.5287 0.041 0.342.465 7.555.760 7.555.760 7.555.760 7.555.760 7.565 | 11/30/20 | | | 47,228 | | | | | 3,402,642 | | | 7,523,584 | | |
| 1211/20 18.918_201 9.987 8.2 0.46 0.466 0.466 7.6 0.447 7.81 | | 12/01/20 | | | | | | | | | | | | |
| 123/10 18.292.471 December Paunds Cr 3.41.208 7.540.477 0101711 18.292.671 18.292.671 7.44 23.690 0.090 3.412.486 7.540.800 - 010021 18.323.673 7.44 23.690 0.042 3.413.334 7.6 7.547.47 7.9 0100221 18.343.88 11.541 0.042 0.411.487 7.550.785 - 0201721 18.344.984 1.021 15.513 0.0460 3.418.564 7.8 7.555.622 0205221 18.364.084 0.524 - 3.42.206 7.555.737 7.6 020521 18.366.294 0.524 - 0.43 3.42.206 7.555.504 - 0301721 18.364.284 6.002 15.827 0.0593 3.42.246 7.6 7.60.370 - 7.62.655 - 0.341.1863 7.6 7.60.370 - 7.63.581 1 0.342.246 7.76.335 1.4 0.342.346 7.75.55.54 - 0.342.346 | | | | | 55,117 | | | | | 7.0 | | | | 0.17 |
| 010121 18.229.421 December December Pennds Cr | | | | | | 8.2 | 0.46 | 0.456 | | 7.6 | 0.44 | | 7.8 | 0.17 |
| 0.001/21 19.892.357 23.482 8.0 0.090 341/4.86 7.540.80 7.540.80 01/082/1 19.843.89 13.641 8.0 0.42 0.461 3.413.334 7.6 0.347.334 7.6 0.347.334 7.6 0.347.334 7.6 0.347.334 7.6 0.347.334 7.6 0.347.334 7.6 0.347.334 7.6 0.347.334 7.6 0.347.334 7.6 0.347.334 7.6 0.557.73 7.8 1.557.33 0.060 3.413.641 7.557.75 7.8 1.552.73 7.8 0.557.73 7.8 0.557.75 7.555.70 1.552.73 7.8 0.557.73 7.8 0.557.73 7.8 0.557.73 7.8 0.557.73 7.8 0.557.73 7.555.70 1.557.73 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.713 0.755.7173 0.755.713 0.755.713 | 12/31/20 | 04/04/04 | | 12,938 | December | | | Downdo Cr | 3,412,036 | | | 7,540,417 | | |
| 0109821 18.822.350 2.462 8.0 0.42 0.461 3.417.891 0.8 7.567.785 0201021 18.843.386 11.541 9 3.417.689 7.557.785 9 0201021 18.845.086 1.022 15.713 0.000 3.415.132 7.557.562 1 02026221 18.845.086 1.962 8.2 0.43 0.451 3.412.085 7.857.5582 1 02026221 18.845.086 5.062 5.975 15.72 0.053 3.422.086 7.565.170 1 0301021 18.969.076 8.422 6.4 0.64 0.777 3.442.232 7.9 0.61 7.569.83 8.1 0303121 19.007.526 March Pounds Cr - - 7.82.851 1 0401021 19.007.526 March Pounds Cr - - 7.82.851 1 - - 7.82.851 1 - - - - - - - - - | 01/01/21 | 01/01/21 | | 734 | | | | | 2 /12 /69 | | | 7 540 800 | | |
| 010021 18.843.88 11.541 3.417.690 7.560.76 020121 18.845.08 1.002 15.513 0.060 3.411.92 7.551.562 0205021 18.845.08 1.022 15.513 0.060 3.411.92 7.551.562 7.555.73 0205021 18.866.20 9.224 0.43 0.451 3.412.05 7.555.73 7.8 030121 18.867.20 5.002 15.827 0.059 3.422.05 7.555.504 7.555.504 030121 18.967.26 5.002 15.827 0.059 3.424.222 7.9 0.61 7.569.356 030121 19.057.26 March Pounds Cr 3.438.199 7.624.852 1.00 040121 19.053.32 14.190 8.0 0.77 3.441.63 7.6 0.22 7.563.360 7.8 040021 19.053.32 4.400 65.521 0.339 3.445.85 7.7 0.45 7.88.350 7.77.88.30 7.7 050121 19.045.07 | | | | | 23,090 | 8.0 | 0.42 | | | 76 | 0.34 | | 79 | 0.13 |
| 0201012 16.944.934 January Pounds Cr N N N 0201021 16.946.680 1.582 15.8 8.2 0.43 0.451 3.418.534 7.851.562 1 0202021 16.946.604 0.524 - - 3.422.065 - 7.555.54 - 0200121 16.960.761 February Pounds Cr - 3.422.486 - 7.585.544 0301021 18.986.678 8.422 8.4 0.64 0.777 3.422.486 - 7.585.544 0303021 19.036.724 67.066 - - 3.438.960 - 7.624.685 0401021 19.037.526 March Pounds Cr - 3.445.365 - 7.626.237 04002121 19.02.538 44.209 - | | | | | | 0.0 | 0.42 | 0.401 | | 7.0 | 0.34 | | 1.5 | 0.13 |
| 0201021 18,044,080 1,502 15,513 0.060 3,418,32 7,55,562 0205021 18,044,080 5,522 1 3,418,944 7,8 0.55 7,552,713 7,8 0201021 18,084,080 5,522 15,827 0.059 3,422,965 7,555,914 1 0301021 18,984,788 5,562 15,827 0.059 3,422,496 7,758,938,16 8,1 03030521 19,039,724 67,046 67,464 7,773 3,444,939 7,824,855 1 0401021 19,033,93 2,406 7,765 0.458 3,460,900 7,726,3266 7,765 0400221 19,033,93 4,209 0.77 0.713 3,441,643 7,6 0.29 7,738,306 7,8 7,8 040021 19,03,976 A,401 65,521 0.488 3,469,405 7,7 0.45 7,991,616 7,7 0507021 19,107,991 May Pounds Cr 3,465,405 7,7 0.45 7,991,616 | 01/00/21 | 02/01/21 | | 11,041 | January | | 1 | Pounds Cr | 0,417,000 | | | 1,000,100 | | |
| 02002r1 18.946.800 1.5.82 8.2 0.43 0.441 3.442.065 7.8 7.8 0202121 18.965.04 9.524 - | 02/01/21 | 02/01/21 | | 1.202 | | | | | 3.418.132 | | | 7.551.562 | | |
| 0228/21 18.966.264 9.524 Pounds Cr 3.422.065 7.558.564 0301/21 18.961.76 February Pounds Cr 1 1 0301/21 18.961.76 8.422 8.4 0.64 0.717 3.422.496 7.558.504 0301/21 19.095.723 67.046 0.64 0.717 3.422.496 7.528.504 0401/21 19.093.7526 F7.046 0.6458 3.438.199 7.624.655 04001/21 19.093.7526 March Pounds Cr 3.438.090 7.638.396 7.6 040021 19.059.307 24.06 76,765 0.0.77 0.713 3.441.665 7.6 0.29 7.682.397 040021 19.102.638 49.209 April Pounds Cr 7.67.862.37 7.77.862.37 7.77.862.37 050021 19.102.638 4.400 5.81 0.389 3.454.565 7.77 0.457.691.616 7.7 050121 19.146.527 29.139 May Pounds Cr 7.77.87.7 7.77.767.76 | | | | | - / | 8.2 | 0.43 | | | 7.8 | 0.58 | | 7.8 | 0.12 |
| 0301021 19.991.206 5.052 15.827 0.059 3.422.496 7.553.170 1 0303521 19.996.77 8.422 6.4 0.64 0.717 3.422.237 7.9 0.593.8 8.1 033121 19.08.27.82 67.046 0.64 0.64 7.634.655 1 0400121 19.03.97.526 March Pounds Cr 3.433.090 7.638.396 7.8 0400121 19.03.97.526 March Pounds Cr 3.441.665 7.6 0.29 7.688.396 7.8 040021 19.106.678 4.440 65.211 0.077 0.713 3.445.645 7.7 0.455 7.691.616 7.7 0500271 19.116.678 4.440 65.211 0.88 3.445.545 7.7 0.457 7.91.61 7.7 0601721 19.146.522 29.139 May Pounds Cr 7.71.637 7.71.767 7.8 0601721 19.146.527 20.137 1.471 3.455.45 7.7 7.71.67 < | 02/26/21 | | | | | | | | | | | | | |
| 0305271 18,860,878 8.422 8.4 0.64 0.717 3,422,222 7.9 0.61 7.628,655 1 040121 19,038,726 March Pounds Cr 3,438,199 7.624,665 7.624,665 040121 19,038,726 March Pounds Cr 3,438,199 7.624,665 7.624,665 040021 19,036,724 440 65,521 0.456 3,439,060 7.676,642 050121 19,106,978 4,440 65,521 0.389 3,454,365 7.624,556 7.627,642 0500121 19,106,978 4,440 65,521 0.389 3,454,365 7.7045,772 7.718,642 0500721 19,146,979 May Pounds Cr 7.717,857 7.719,031 7.719,031 7.717,857 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,031 7.719,03 | | 03/01/21 | 18,960,761 | | February | | | Pounds Cr | | | | | | |
| 03/121 19.03/7.26 67.046 Pounds Cr 3.438.199 7.62.4565 04/01/21 19.037.56 March Pounds Cr 7.62.4655 7.62.237 04/021 19.033.39 14.199 8.0 0.77 0.713 3.441.683 7.6 0.29 7.638.237 04/021 19.102.538 49.200 April 0.3453.500 7.678.642 04/021 19.102.538 49.200 April 0.3463.655 7.682.550 0500121 19.102.538 49.200 8.1 0.48 0.490 3.464.365 7.7 0.45 7.682.550 0500121 19.147.933 10.040 8.1 0.48 0.490 3.465.357 7.7 0.45 7.691.616 7.7 060121 19.146.522 29.139 May Pounds Cr 3.465.737 7.719.011 0.483.45 7.7 0.45 7.83.44 060121 19.146.94 49.703 1 3.479.242 7.758.242 7.758.242 0770021 19.203.673 | 03/01/21 | | 18,961,256 | 5,052 | 15,827 | | | 0.059 | 3,422,496 | | | 7,563,170 | | |
| 0401/21 19.037.526 March Pounds Cr - - - -< | 03/05/21 | | 18,969,678 | 8,422 | | 8.4 | 0.64 | 0.717 | 3,424,232 | 7.9 | 0.61 | 7,569,835 | 8.1 | 0.30 |
| 0+01/21 19.09.130 2.406 76,765 0.438 3.439.060 7.626.237 0 04/09/21 19.053.32 14.199 8.0 0.77 0.713 3.441.663 7.6 0.22 7.638.386 7.8 04/00/21 19.102.358 44.209 Pounds Cr 7.676.642 7.676.642 05/01/21 19.106.677 4.440 65.521 0.389 3.454.366 7.767.642 05/01/21 19.106.677 4.440 65.521 0.389 3.456.365 7.7 0.45 7.681.616 7.7 05/01/21 19.146.9579 May Pounds Cr 7 7.719.031 7.719.031 06/01/21 19.147.987 14.71 43.332 0.141 0.379 3.466.806 7.5 0.25 7.721.90 7.8 06/01/21 19.201.961 June Pounds Cr 7.763.244 7.763.244 7.763.244 7.765.22 7.765.22 7.771.3857 7.4 0.7791.359 7.4 0.7791.359 7.4 0.7791.359 7.4 | 03/31/21 | | | 67,046 | | | | | 3,438,199 | | | 7,624,655 | | |
| 04/09/21 19.053.329 14.199 8.0 0.77 0.713 3.441.663 7.6 0.29 7.638.396 7.8 04/30/21 19.102.538 49.209 April Pounds Cr 3.455.500 7.678.642 7.678.642 05/01/21 19.106.978 4.440 65.521 0.389 3.456.545 7.7 0.45 7.681.666 7.7 0.45 7.682.550 7.7 0.45 7.682.560 7.7 7.678.642 7.7 0.45 7.682.560 7.7 7.45 7.682.560 7.682.560 7.7 7.45 7.7 0.45 7.717.857 7 7.45 7.719.031 1.7 1.771.867 1.7 1.771.867 7.783.244 7.783.244 7.773.324 7.771.60 7.8 0.600/21 19.151.356 3.363 0.14 0.379 3.466.66 7.5 0.25 7.71760 7.8 060/021 19.201.657 June Pounds Cr - 7.763.244 7.763.244 7.763.244 7.763.244 7.763.244 7.765.22 | | 04/01/21 | | | | | | | | | | | | |
| 04/3021 19,102,538 49,209 April Pounds Cr 3,453,500 7,676,842 0 06/03/21 19,106,378 4,440 65,521 0.389 3,454,365 7,676,842 0 06/03/21 19,106,378 4,440 65,521 0.389 3,454,365 7,676,842 7 06/07/21 19,114,5973 22,2139 0 0.45 3,465,355 7,771,787 0 06/07/21 19,147,993 1,471 43,382 0.181 3,465,737 7,771,01 0 0 0.121 19,201,993 1,471 43,932 0.181 3,465,067 7.50,224 7,763,244 07/01/21 19,201,961 June Pounds Cr 7,765,222 7,765,223 7,707,021 19,294,733 <t< td=""><td></td><td></td><td></td><td></td><td>76,765</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | 76,765 | | | | | | | | | |
| 0501/21 19.106,978 4,440 65,521 0.389 3,454,365 7.825,50 05/03/21 19.106,978 4,440 65,521 0.389 3,454,365 7.7 0.45 7,691,616 7.7 05/07/21 19.177,383 10,405 8.1 0.48 0.495 3,465,545 7.7 0.45 7,691,616 7.7 06/07/21 19,146,522 29,139 44 3,465,305 7.717,857 7 06/07/21 19,147,993 1,471 43,932 0.181 3,465,606 7.5 0.25 7,721,760 7.8 06/07/21 19,201,659 49,703 9 3,478,422 7,765,721 7,785,224 07/07/21 19,203,673 2,614 54,982 0.174 3,478,422 7,785,222 7,765,222 07/09/21 19,209,673 2,614 9 3,501,153 7,844,883 7 08/02/21 19,209,573 3,251 96,091 0.382 3,502,015 7,844,880 7 08/02/21 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>8.0</td> <td>0.77</td> <td>0.713</td> <td></td> <td>7.6</td> <td>0.29</td> <td></td> <td>7.8</td> <td>0.62</td> | | | | | | 8.0 | 0.77 | 0.713 | | 7.6 | 0.29 | | 7.8 | 0.62 |
| 06/03/21 19.106.978 4.440 65.521 0.389 3.454.365 7.7 0.652.50 05/07/21 19.1146.522 29.139 0.48 0.495 3.456.545 7.7 0.45 7.682.505 7.7/1.857 06/01/21 19.146.522 29.139 0.161 3.465.505 7.7/1.857 0.45 06/01/21 19.147.993 1.471 43.932 0.181 3.465.606 7.5 0.25 7.721.760 7.8 06/04/21 19.151.356 3.363 0.14 0.379 3.465.606 7.5 0.25 7.721.760 7.8 06/04/21 19.201.059 49.703 - 3.479.292 7.765.222 - | 04/30/21 | | | 49,209 | | | | | 3,453,500 | | | 7,678,642 | | |
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| 06001/21 19,146,979 May Pounds Cr | | | | | | 8.1 | 0.48 | 0.495 | | 1.1 | 0.45 | | 1.1 | 0.28 |
| 06/01/21 19,147,993 1,471 43,932 0.181 3,465,737 7,719,031 06/04/21 19,201,095 49,703 3,466,606 7.5 0.25 7,721,760 7.8 06/3021 19,201,095 49,703 3,479,422 7,763,244 7,763,244 07/01/21 19,203,673 2,614 54,982 0,174 3,479,292 7,765,224 07/09/21 19,236,373 2,614 54,982 0,174 3,479,292 7,765,224 07/09/21 19,236,322 62,184 9 0,353 0,477 3,485,443 7,4 0,34 7,913,359 7.4 07/30/21 19,298,052 July Pounds Cr 3,501,153 7,844,580 96,091 0.382 3,502,015 7,844,580 96,091 0,382 3,503,307 7.4 0,51 7,847,225 7.5 0.831/21 19,303,276 August Pounds Cr 9,901/21 19,390,270 4,114 89,724 0.266 3,522,204 7,920,922 999/0021 19,406,086 | 03/31/21 | 06/01/21 | | 29,139 | May | | ł | Bounds Cr | 3,403,305 | | | 7,717,007 | | |
| 06/04/21 19,151,356 3,363 0.14 0.379 3,466,606 7.5 0.25 7,721,760 7.8 06/30/21 19,201,059 49,703 49,703 3,478,422 7,763,244 7,763,244 07/01/21 19,203,673 2,614 54,982 0.174 3,479,322 7,765,222 7,791,358 7,4 07/09/21 19,234,138 30,465 7.9 0.53 0.477 3,485,443 7,4 0.34 7,791,358 7,4 07/09/21 19,236,532 62,184 3,501,153 7,841,863 7,841,863 08/01/21 19,298,573 3,251 96,091 0.382 3,502,015 7,844,580 7,841,863 7,91,779 7,917,739 7,920,922 7,94,218 7,3 <td>06/01/21</td> <td>00/01/21</td> <td></td> <td>1 471</td> <td></td> <td></td> <td></td> <td></td> <td>3 465 737</td> <td></td> <td></td> <td>7 719 031</td> <td></td> <td></td> | 06/01/21 | 00/01/21 | | 1 471 | | | | | 3 465 737 | | | 7 719 031 | | |
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| 07/01/21 19,201,967 June Pounds Cr 07/01/21 19,203,673 2.614 54,982 0.174 3,479,922 7.765,222 07/01/21 19,294,138 30,465 7.9 0.53 0.477 3,485,434 7.4 0.34 7.791,359 7.4 07/30/21 19,296,322 62,184 3,501,153 7.844,853 08/01/21 19,296,323 3,251 96,091 0.382 3,502,015 7.844,880 08/05/21 19,303,238 3,665 7.9 0.35 0.356 3,503,307 7.4 0.51 7,847,295 7.5 08/03/21 19,387,776 August Pounds Cr 3,521,335 7,917,799 09/01/21 19,406,508 16,238 7.9 0.37 0.346 3,522,204 7,920,922 09/10/21 19,420,522 349 32,606 0.094 3,532,626 7,949,274 10/01/21 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | | | | | | | | | |
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| 08/01/21 19,298,052 July Pounds Cr Image: Cr Ima | 07/09/21 | | 19,234,138 | 30,465 | - | 7.9 | 0.53 | 0.477 | 3,485,443 | 7.4 | 0.34 | 7,791,359 | 7.4 | 0.13 |
| 08/02/21 19,299,573 3,251 96,091 0.382 3,502,015 7,844,580 7 08/05/21 19,303,288 3,665 7.9 0.35 0.356 3,503,307 7.4 0.51 7,847,295 7.5 08/31/21 19,386,156 82,918 3,521,335 7,917,739 7 09/01/21 19,387,776 August Pounds Cr 7 7.4 0.33 7,934,218 7.3 09/01/21 19,390,270 4,114 89,724 0.266 3,522,637 7.4 0.33 7,934,218 7.3 09/02/1 19,402,073 13,665 3,532,626 7,949,324 7 3,533,626 7,949,274 1 10/01/21 19,420,492 349 32,606 0.094 3,532,626 7,949,274 1 10/07/21 19,424,997 4,475 7.8 0.33 0.337 3,534,360 7.4 0.55 7,952,339 7.4 10/07/21 19,438,681 13,684 3,539,176 7,963,515 | 07/30/21 | | 19,296,322 | 62,184 | | | | | 3,501,153 | | | 7,841,853 | | |
| 08/05/21 19,303,238 3,665 7.9 0.35 0.356 3,503,307 7.4 0.51 7,847,295 7.5 08/31/21 19,386,156 82,918 3,521,335 7,917,739 1 09/01/21 19,387,776 August Pounds Cr 1 <td></td> <td>08/01/21</td> <td>19,298,052</td> <td></td> <td></td> <td></td> <td></td> <td>Pounds Cr</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | 08/01/21 | 19,298,052 | | | | | Pounds Cr | | | | | | |
| 08/31/21 19,386,156 82,918 August Pounds Cr 7,917,739 1 09/01/21 19,387,776 August 0,266 3,522,335 7,917,739 1 09/01/21 19,380,270 4,114 89,724 0.266 3,522,204 7,920,922 1 09/01/21 19,406,508 16,238 7.9 0.37 0.346 3,526,537 7.4 0.33 7,934,218 7.3 09/30/21 19,420,173 13,665 3,526,626 7,940,274 1 | | | | | 96,091 | | | | | | | | | |
| 09/01/21 19,387,776 August Pounds Cr Image: Cr I | | | | | | 7.9 | 0.35 | 0.356 | | 7.4 | 0.51 | | 7.5 | 0.10 |
| 09/01/21 19,390,270 4,114 89,724 0.266 3,522,024 7,920,922 09/10/21 19,406,508 16,238 7.9 0.37 0.346 3,526,537 7.4 0.33 7,934,218 7.3 09/30/21 19,420,173 13,665 3,532,626 7,948,890 10/01/21 19,420,382 September Pounds Cr 7,949,274 10/01/21 19,424,997 4,475 7.8 0.33 0.337 3,534,360 7.4 0.55 7,952,339 7.4 10/07/21 19,438,681 13,684 3,539,176 7,962,363 7,962,363 7,962,363 3,539,176 7,962,363 7,962,363 | 08/31/21 | | | 82,918 | | <u> </u> | | _ | 3,521,335 | | | 7,917,739 | | |
| 09/10/21 19,406,508 16,238 7.9 0.37 0.346 3,526,537 7.4 0.33 7,934,218 7.3 09/30/21 19,420,173 13,665 3,532,626 7,948,890 7 10/01/21 19,420,382 September Pounds Cr 7 7 7 7 7 10/01/21 19,420,382 September Pounds Cr 7 7 7 7 7 7 7 7 7 949,274 7 7 7 7 7 7 7 7 7 7 7 7 7 9 7 4 7 7 7 7 7 7 9 7 4 7 3 7 3 7 4 5 7 4 5 7 4 5 7 4 5 7 4 1 5 7 4 1 1 1 1 1 5 7 4 1 | 00/04/01 | 09/01/21 | | | | | | | 2 500 00 1 | | | 7 000 000 | | |
| 09/30/21 19,420,173 13,665 3,532,626 7,948,890 10/01/21 19,420,382 September Pounds Cr 10/01/21 19,420,522 349 32,606 0.094 3,532,626 7,949,274 10/07/21 19,424,997 4,475 7.8 0.33 0.337 3,534,360 7.4 0.55 10/29/21 19,438,681 13,684 3,539,176 7,962,363 7,962,363 11/01/21 19,439,799 October Pounds Cr 1 1 11/01/21 19,442,002 1,872 7.8 0.32 0.320 3,540,470 7.6 0.25 7,963,515 11/01/21 19,442,002 1,872 7.8 0.32 0.320 3,544,838 7,973,129 11/30/21 19,453,737 11,735 3,544,838 7,973,129 1 12/01/21 19,453,737 0 13,938 0.037 3,544,838 7,973,129 12/201/21 19,456,187 2,450 8.3 0.39 | | | | | 89,724 | 70 | 0.07 | | | 7 4 | 0.00 | | 7.2 | 0.12 |
| 10/01/21 19,420,382 September Pounds Cr Image: Cr <t< td=""><td></td><td></td><td>- , ,</td><td>- /</td><td></td><td>1.9</td><td>0.37</td><td>0.340</td><td>- / /</td><td>1.4</td><td>0.33</td><td>1 1 -</td><td>1.3</td><td>0.12</td></t<> | | | - , , | - / | | 1.9 | 0.37 | 0.340 | - / / | 1.4 | 0.33 | 1 1 - | 1.3 | 0.12 |
| 10/01/21 19,420,522 349 32,606 0.094 3,532,626 7,949,274 10/07/21 19,424,997 4,475 7.8 0.33 0.337 3,534,360 7.4 0.55 7,952,339 7.4 10/29/21 19,438,681 13,684 3,539,176 7.4 0.55 7,962,363 7.4 11/01/21 19,439,799 October Pounds Cr 7.6 7.6 7.962,363 7.963,515 11/01/21 19,440,130 1,449 19,417 0.054 3,539,608 7,963,515 7.964,666 7.7 11/05/21 19,442,002 1,872 7.8 0.32 0.320 3,544,838 7,973,129 7.973,129 11/30/21 19,453,737 11,735 7.983,88 7,973,129 7.973,129 7.973,129 7.973,129 7.973,129 7.973,129 7.973,129 7.973,129 7.973,129 7.973,129 7.973,129 7.973,129 7.973,129 7.973,129 7.7 12/01/21 19,456,187 2,450 8.3 0.39 0.452 3,546,132 7.6 0.62 7,975,431 7.7 <td>09/30/21</td> <td>10/01/21</td> <td></td> <td>13,000</td> <td>September</td> <td>1</td> <td></td> <td>Pounds Cr</td> <td>3,332,020</td> <td></td> <td> </td> <td>1,340,090</td> <td>1</td> <td></td> | 09/30/21 | 10/01/21 | | 13,000 | September | 1 | | Pounds Cr | 3,332,020 | | | 1,340,090 | 1 | |
| 10/07/21 19,424,997 4,475 7.8 0.33 0.337 3,534,360 7.4 0.55 7,952,339 7.4 10/29/21 19,438,681 13,684 3,539,176 7,962,363 7,962,363 7,962,363 7,962,363 7,962,363 7,962,363 7,962,363 7,962,363 7,963,515 7,963,515 7,963,515 7,963,515 7,963,515 7,963,515 7,964,666 7,7 7,7 11/05/21 19,442,002 1,872 7.8 0.32 0.320 3,540,470 7.6 0.25 7,964,666 7,7 11/05/21 19,453,737 11,735 7.8 0.32 0.320 3,544,838 7,973,129 7,973,129 7,973,129 7,973,129 7,973,129 7,973,129 7,973,129 7,973,129 7,7 12/01/21 19,453,737 0 13,938 0.037 3,544,838 7,973,129 7,7 7,973,129 7,7 7,973,129 7,7 12/29/21 19,474,737 18,550 7,973,452 7,6 0.62 7,975,431 7,7 7,7 <td>10/01/21</td> <td>10/01/21</td> <td></td> <td>349</td> <td></td> <td>1</td> <td></td> <td></td> <td>3,532,626</td> <td></td> <td></td> <td>7,949 274</td> <td>1</td> <td><u> </u></td> | 10/01/21 | 10/01/21 | | 349 | | 1 | | | 3,532,626 | | | 7,949 274 | 1 | <u> </u> |
| 10/29/21 19,438,681 13,684 3,539,176 7,962,363 11/01/21 19,439,799 October Pounds Cr 7 11/01/21 19,440,130 1,449 19,417 0.054 3,539,608 7,963,515 11/05/21 19,442,002 1,872 7.8 0.32 0.320 3,540,470 7.6 0.25 7,964,666 7.7 11/30/21 19,453,737 11,735 3,544,838 7,973,129 1 12/01/21 19,453,737 November Pounds Cr 7 1 12/01/21 19,453,737 0 13,938 0.037 3,544,838 7,973,129 12/01/21 19,453,737 0 13,938 0.037 3,544,838 7,973,129 12/10/21 19,456,187 2,450 8.3 0.39 0.452 3,546,132 7.6 0.62 7,975,431 7.7 12/29/21 19,476,024 December Pounds Cr 1 1 1 01/03/22 19,478,802 4,065 22,287 0.084 3,544,838 7,973,129 1 | | | | | ,000 | 7.8 | 0.33 | | | 7.4 | 0.55 | | 7.4 | 0.18 |
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| 12/01/21 19,453,737 November Pounds Cr | 11/05/21 | | 19,442,002 | 1,872 | | 7.8 | 0.32 | 0.320 | 3,540,470 | 7.6 | 0.25 | 7,964,666 | 7.7 | 0.90 |
| 12/01/21 19,453,737 0 13,938 0.037 3,544,838 7,973,129 12/10/21 19,456,187 2,450 8.3 0.39 0.452 3,546,132 7.6 0.62 7,975,431 7.7 12/29/21 19,474,737 18,550 | 11/30/21 | | | 11,735 | | | | | 3,544,838 | | | 7,973,129 | | |
| 12/10/21 19,456,187 2,450 8.3 0.39 0.452 3,546,132 7.6 0.62 7,975,431 7.7 12/29/21 19,474,737 18,550 | | 12/01/21 | | | | | | | | | | | | |
| 12/29/21 19,474,737 18,550 Pounds Cr Pounds Cr 01/03/22 19,476,024 December Pounds Cr 7,973,129 | | | | - | 13,938 | | | | | | | | | |
| 01/01/22 19,476,024 December Pounds Cr | | | | | | 8.3 | 0.39 | 0.452 | 3,546,132 | 7.6 | 0.62 | 7,975,431 | 7.7 | 0.08 |
| 01/03/22 19,478,802 4,065 22,287 0.084 3,544,838 7,973,129 | 12/29/21 | | | 18,550 | Deser | | | | | | | | | |
| | 0.175.17 | 01/01/22 | | | | <u> </u> | | | | | | | <u> </u> | + |
| | | | | | 22,287 | | 0.74 | | | 0.0 | 0.70 | | 0.0 | 0.07 |
| 01/07/22 19,481,247 2,445 8.3 0.71 0.702 3,553,105 8.0 0.73 7,994,830 8.0 01/31/22 19,491,787 10,540 3,557,044 | | | | | | 0.3 | 0.71 | 0.702 | | 8.0 | 0.73 | | 0.0 | 0.07 |

| | | | OUT | FALL 001 | | | | Ма | nhole | #1 | м | lanho | ie #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|-------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Flow Totalizer #1 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 02/01/22 | 19,491,787 | | January | | | Pounds Cr | | | | | | |
| 02/1/2022** | | 19,491,794 | 7 | 15,763 | | | 0.092 | 14 | | | - | | |
| 02/10/22 | | 19,494,956 | 3,169 | | 8.3 | 0.58 | 0.662 | 1,904 | 8.0 | 0.33 | 884 | 8.2 | 0.06 |
| 00/00/00 | 03/01/22 | 19,499,595 | 5 000 | February | | | Pounds Cr | 0.000 | | | 4.007 | | + |
| 03/03/22 03/11/22 | | 19,500,188 19,508,636 | 5,232 8,448 | 7,808 | 8.5 | 0.455*** | 0.043 0.455 | 3,063 3,956 | 7.7 | 0.60 | 4,987 12,803 | 7.9 | 0.13 |
| 03/31/22 | | 19,581,712 | 73,076 | | 0.5 | 0.433 | 0.433 | 19,468 | 1.1 | 0.00 | 72,327 | 1.5 | 0.10 |
| 00/01/22 | 04/01/22 | 19,579,886 | 10,010 | March | | | Pounds Cr | 10,100 | | | . 2,021 | | |
| 04/05/22 | | 19,599,982 | 18,270 | 80,291 | | | 0.304 | 23,346 | | | 87,209 | | |
| 04/08/22 | | 19,619,609 | 19,627 | | 7.9 | 0.16 | 0.167 | 27,567 | 7.8 | 0.42 | 106,399 | 8.0 | 0.10 |
| 04/30/22 | | 19,689,477 | 69,868 | | | | | 40,975 | | | 158,050 | | - |
| | 05/01/22 | 19,690,246 | | April | | | Pounds Cr | | | | | | |
| 05/02/22 | | 19,692,556 | 3,079 | 110,360 | 0.4 | 0.07 | 0.153 | 42,267 | 7.7 | 0.35 | 162,963 | 0.1 | 0.11 |
| 05/05/22 05/31/22 | | 19,697,175***** 19,741,670 | 4,619 | | 8.1 | 0.37 | 0.380 | 44,511 53,045 | 1.1 | 0.35 | 166,323 204,944 | 8.1 | 0.11 |
| 03/31/22 | 06/01/22 | 19,742,444 | | May | | | Pounds Cr | 33,043 | | | 204,344 | | ł |
| 06/01/22 | | 19,743,217 | 1,547 | 52,198 | | | 0.165 | 53,468 | | | 206,128 | | |
| 06/09/22 | | 19,750,545 | 7,328 | | 8.2 | 0.48 | 0.452 | 58,373 | 7.6 | 0.17 | 218,830 | 7.9 | 0.29 |
| 06/30/22 | | 19,807,692 | | | | | | 67,322 | | | 259,616 | | |
| | 07/01/22 | 19,808,308 | | June | | | Pounds Cr | | | | | | |
| 07/01/22 | | 19,808,470 | 778 | 65,864 | | 0.40 | 0.248 | 67,547 | 7.4 | 0.00 | 260,174 | 7.4 | 0.04 |
| 07/08/22 07/31/22 | | 19,816,966 19,842,128 | 8,496 | | 7.8 | 0.18 | 0.410 | 71,474 76,802 | 7.4 | 0.36 | 266,328 287,644 | 7.4 | 0.31 |
| 07/31/22 | 08/01/22 | 19,842,128 | | July | | | Pounds Cr | 76,802 | | | 287,044 | | |
| 08/01/22 | 00/01/22 | 19,842,816 | 688 | 34,214 | | | 0.117 | 77,230 | | | 288,031 | | |
| 08/05/22 | | 19,847,646† | 5,124 | | 7.7 | 0.23 | 0.238 | 79,709 | 7.4 | 0.36 | 289,846 | 7.4 | 0.05 |
| 08/25/22 | | 19,895,343 | 47,697 | | | | | 88,045 | | | 329,207 | | |
| 08/31/22 | | 19,897,942 | 2,599 | | | | | 89,759 | | | 333,479 | | |
| | 09/01/22 | 19,898,506 | | August | | | Pounds Cr | | | | | | |
| 09/01/22 | | 19,899,069 | 1,127 | 55,984 | | | 0.111 | 90,186 | | 0.50 | 334,257 | | |
| 09/09/22 | 10/01/22 | 19,903,637 19,950,290 | 4,568 | September | 7.9 | 0.32 | 0.382 Pounds Cr | 91,946 | 7.4 | 0.52 | 338,564 | 7.4 | 0.11 |
| 10/03/22 | 10/01/22 | 19,953,306 | 49,669 | 51,784 | | | 0.165 | 101,843 | | | 380,408 | | - |
| 10/06/22 | | 13,333,300 | 43,003 | 51,704 | 8.2 | 0.34 | 0.382 | 101,043 | 7.7 | 0.30 | 300,400 | 7.6 | 0.07 |
| | 11/01/22 | 19,977,565 | | October | | | Pounds Cr | | | | | | |
| 11/07/22 | | 19,982,391 | 29,085 | 27,275 | | | 0.087 | 110,050 | | | 409,192 | | |
| 11/11/22 | | | | | 8.2 | 0.35 | 0.387 | | 7.7 | 0.30 | | 7.7 | 0.11 |
| 11/30/22 | | 20,018,322 | 35,931 | | | | | 118,698 | | | 437,597 | | |
| 10/01/00 | 12/01/22 | 20,018,377 | | November | | | Pounds Cr | | | | 407.000 | | |
| 12/01/22 12/09/22 | | 20,018,690 | 368 | 40,812 | 7.9 | 0.45 | 0.132 0.473 | 118,698 | 7.8 | 0.67 | 437,988 | 7.9 | 0.03 |
| 12/09/22 | | 20,049,227 | 30,537 | | 1.9 | 0.40 | 0.473 | 126,489 | 1.0 | 0.07 | 461,926 | 1.3 | 0.03 |
| , 0 1/22 | 01/01/23 | 20,049,352 | 30,007 | December | 1 | | Pounds Cr | . 20, 400 | | | .0.,020 | 1 | 1 |
| 01/04/23 | | 20,056,085 | 6,858 | 30,975 | | | 0.122 | 128,657 | | | 467,457 | | <u> </u> |
| 01/06/23 | | | | | 8.4 | 0.66 | 0.734 | | 8.0 | 0.48 | | 7.9 | 0.20 |
| 01/31/23 | | 20,103,237 | 47,152 | 1- | | | | 139,968 | | | 504,806 | | |
| 00/04/00 | 02/01/23 | 20,103,819 | 4.000 | January | | | Pounds Cr | 140.404 | | | E05 500 | | + |
| 02/01/23 02/09/23 | | 20,104,460 | 1,223 | 54,467 | 8.2 | 0.66 | 0.333 0.705 | 140,401 | 7.8 | 0.24 | 505,592 | 7.9 | 0.28 |
| 02/09/23 | | 20,143,005 | 38,545 | | 0.2 | 0.00 | 0.103 | 149,544 | 7.0 | 0.24 | 534,885 | 1.3 | 0.20 |
| 52/20/20 | 03/01/23 | 20,145,093 | 00,040 | February | 1 | | Pounds Cr | 0,0 | | | 004,000 | 1 | 1 |
| 03/01/23 | | 20,147,460 | 4,455 | 41,274 | | | 0.242 | 150,427 | | | 538,131 | | |
| 03/09/23 | | | | | 8.0 | 0.15 | <0.0025 | | 7.7 | 0.27 | | 7.8 | 0.04 |
| | 04/01/23 | 20,363,289 | | March | | | Pounds Cr | | | | | | L |
| 04/04/23 | | 20,367,299 | 219,839 | 218,195 | 0.5 | 0.46 | 0.002 | 193,136 | | | 712,934 | | |
| 04/05/23 04/30/23 | | 20 457 045 | 00.040 | | 8.3 | 0.16 | 0.180 | 244 647 | 8.1 | 0.21 | 704 077 | 7.5 | 0.08 |
| 04/30/23 | 05/01/23 | 20,457,645 20,457,872 | 90,346 | April | | | Pounds Cr | 211,647 | | | 784,877 | | ł |
| 05/01/23 | 03/01/23 | 20,457,672 | 952 | 94,583 | | | 0.142 | 211,647 | | | 785,674 | | <u> </u> |
| 05/04/23 | | _0, .00,001 | 0.02 | , | 8.4 | 0.24 | 0.233 | 2,047 | 7.7 | 0.21 | | 7.9 | 0.10 |
| 05/31/23 | | 20,524,896 | 66,299 | | | | | 226,516 | | | 836,403 | | |
| | 06/01/23 | 20,525,045 | | May | | | Pounds Cr | | | | | | |
| 06/01/23 | | 20,525,270 | 374 | 67,173 | | | 0.130 | 226,516 | | | 836,790 | | |

N.W. Mauthe Superfund Site Appleton, Wisconsin Terracon Project No. 58117057

| | | | OUTI | FALL 001 | | | | Manhole #1 | | | Manhole #2 | | |
|-------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|-------------------------|-----|---|--|-----|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | рН | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L] | Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L] | Totalizer #1 Reading | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| 06/07/23 | | | | | 8.1 | 0.17 | 0.182 | | 7.4 | 0.08 | | 7.8 | 0.04 |
| 06/30/23 | | 20,552,149 | | | | | | 234,365 | | | 857,812 | | |
| | 07/01/23 | 20,552,482 | | June | | | Pounds Cr | | | | | | |
| 07/01/23 | | 20,552,933 | 784 | 27,437 | | | 0.042 | 234,798 | | | 858,199 | | |

Italicized red type metered discharge reading was calculated by linear interpolation to 12 midnight.

| Industrial User (Waste | ewater Discharge) Permit 18-2 | 1 Outfall 001 Effluent Limits |
|---------------------------|-------------------------------|-------------------------------|
| рН | Hexavalent Chromium | Total Chromium |
| Between 5.0 and 12.4 s.u. | <4.5 mg/L | <7.0 mg/L |

¹ Beginning in September 2018, the Total Chromium lab sample was not filtered. Previously, through August 2018, the sample was filtered (0.45 micron filter).
* On 3/31/18, the MH1 flowmeter face was blank. Upon replacing the batteries, the totalizer reading reverted to 2,472,869 gallons, a difference of -112,848 gallons from the previous known total.

** On 2/1/2022, MH1 and MH2 flowmeters were replaced. Each flowmeter for the manholes was set to 0 during installation.

*** Hexavalent chromium was not analyzed for the March 11, 2022, sampling round. The total chromium concentration was used as a proxy for March 11, 2022, hexavalent chromium concentration.

**** Reading extrapolated based on previous readings due to documentation error. Actual reading documented at 19,690,925.

† Reading extrapolated based on 8/1 and 8/25 remote readings due to documentation error. Actual reading documented at 19,835,361.

TABLE 2 City of Appleton Compliance Limits, Outfall 001 N.W. Mauthe Superfund Site - Appleton, WI

| | | Aluminum | Arsenic | Cadmium | Chromium Total ¹ | Copper | Cyanide | Lead | Mercury | Nickel | Zinc | Hexavalent Chromium |
|----------------------------------|-----------------------|-------------------|--------------------|--------------------|--------------------------------|--------------------|-----------------|--------------------|---------------------|--------------------|-------------------|------------------------|
| Permit #18 | 9-21 Limits | (mg/L) 70 | (mg/L) 1.0 | (mg/L) 0.3 | (mg/L) 7.0 | (mg/L) 3.5 | (mg/L) 1.0 | (mg/L) 2.0 | (mg/L) 0.002 | (mg/L) 2.0 | (mg/L) 10.0 | (mg/L) 4.5 |
| Sampler | Sample Date | | | | | | | | | | | |
| CH2M Hill | 02/20/97 | <.02 | <.003 | <.00050 | 0.04 | <.01 | <.00001 | <.005 | <.0002 | <.005 | 0.0051 | <.01 |
| CH2M Hill | 03/24/98 | 0.0152 | <.002 | <.00004 | 0.0637 | <.0095 | <.0017 | <.0006 | <.000015 | <.0095 | 0.0046 | 0.1000 |
| Appleton | 04/29/98 | <.011 | <.002 | <.005 | 0.2200 | <.05 | 0.0020 | <.1 | <.0002 | <.04 | <.005 | NA |
| Appleton | 10/07/98 | <.011 | <.002 | 0.0050 | 0.1700 | <.05 | <.001 | <.1 | <.0002 | <.04 | 0.0250 | NA |
| MCO | 03/18/99 | <.009 | <.003 | <.00031 | NA | .00068**** | <.000032 | <.0024 | <.00005 | .00351**** | <.012 | <.0036 |
| Appleton | 03/18/99 | <.011 | <.002 | <.005 | < 0.05 | <.05 | 0.0010 | 0.1000 | <.00005 | 0.0400 | 0.0180 | NA |
| Appleton | 09/21/99 | <.011 | <.002 | <.005 | <.05 | <.05 | 0.0030 | <.1 | <.00015 | <.04 | 0.0080 | NA |
| Appleton | 02/15/00 | <.015 | <.0020 | <.005 | 0.0900 | <.05 | <.001 | <.1 | <.00013 | <.04 | 0.0280 | NA |
| MCO | 03/13/00 | <.009 | <.003 | <.00031 | 0.1400 | <.0006 | <.0044 | <.0024 | <.00005 | 0.0012 | <.012 | NA |
| Appleton MCO | 02/21/01 03/01/01 | <0.15 | <.002 <.0027 | <.005 .012 **** | 0.11 | <.05 .0088 **** | 0.001 | <.1 | <.00013 <.00005 | <.04 .036 **** | 0.042 | NA <.0036 |
| Appleton | 10/02/01 | <.034 0.016 | <.0027 | <.005 | 0.25 | <.05 | <.0033 <.001 | <.17 <.1 | <.00005 | <.04 | 0.015 | <.0036 NA |
| MCO | 03/19/02 | <.034 | <.002 | <.005 | 0.14 | <.0077 | <.001 | <.17 | <.00013 | <.04 | <.012 | <.0036 |
| Appleton | 05/02/02 | <.034 | <.0027 | <.0073 | 0.362 | <.0077 | <.0027 | <.060 | <.00003 | <.017 | <.009 | <.0030 NA |
| Appleton | 11/12/02 | 0.027 | <.0082 | <.00053 | 0.302 | <.009 | <.0007 | <.00084 | <.000028 | 0.0044 | 0.0081 | NA |
| Appleton | 02/11/03 | <0.027 | <.0082 | <.00053 | 0.086 | <.0009 | <.0007 | <.0004 | <.000028 | 0.0036 | <.0025 | NA |
| Appleton | 03/24/03 | <.045 | <.0027 | <.0088 | 0.13 | 0.075 | <.0050 | <.16 | <.000050 | <.019 | <.0044 | <.0036 |
| Appleton | 10/23/03 | 0.0045 | 0.0013 | < 0.0001 | 0.13 | < 0.0008 | < 0.005 | <0.0006 | 0.0002 | <0.025 | <0.010 | <.0000 NA |
| Appleton | 03/24/04 | < 0.050 | < 0.0026 | <0.010 | 0.15 | < 0.0060 | < 0.0050 | <0.16 | < 0.000025 | <0.020 | <0.010 | NA |
| Appleton | 11/09/04 | 0.0071 | <0.0012 | < 0.0001 | 0.04 | 0.0008 | < 0.005 | <0.008 | <0.0002 | 0.0013 | <0.01 | NA |
| MCO | 08/08/05 | 0.023 | < 0.0035 | < 0.0003 | 0.039 | 0.0019 | < 0.0037 | < 0.0011 | < 0.000026 | < 0.0044 | 0.0024 | < 0.005 |
| Appleton | 11/05/06 | 0.0052 | < 0.0012 | <0.0001 | 0.088 | < 0.0005 | < 0.005 | <0.0008 | < 0.0002 | 0.0017 | <0.010 | NA |
| Appleton | 02/23/06 | 0.0021 | <0.0012 | <0.0001 | 0.08 | < 0.0005 | < 0.0005 | <0.0008 | < 0.0002 | 0.0022 | <0.010 | NA |
| MCO | 03/23/06 | <0.20 | <0.0076 | <0.00074 | 0.32 | 0.0018 | 0.0043 | <0.0034 | <0.000026 | 0.0033 | <0.020 | NA |
| Appleton | 06/27/06 | <0.200 | <0.0076 | <0.00074 | 0.700 | 0.0016 | <0.0094 | <0.0034 | < 0.000072 | 0.0021 | <0.020 | <0.350 |
| Appleton | 10/05/06 | 0.037 | <0.00011 | <0.0001 | 4.575 | 0.0068 | 0.01 | <0.001 | <0.0002 | 0.0026 | <0.010 | NA |
| Appleton | 03/22/07 | <0.07 | <0.07 | <0.01 | 1.9 | 3.5 | < 0.004 | < 0.03 | < 0.0002 | <0.04 | <0.01 | NA |
| MCO | 04/02/07 | 0.0383 | 0.00024 | 0.000086 | 1.41 | 0.0041 | <0.0094 | 0.00013 | < 0.00019 | 0.0035 | 0.009 | NA |
| Appleton | 12/04/07 | <0.07 | <0.001 | <0.01 | 3.4 | <0.01 | 0.008 | <0.03 | < 0.0002 | <0.04 | <0.01 | 1.5 |
| Appleton | 01/16/08 | 0.21 | <0.005 | <0.01 | <0.03 | 0.02 | 0.017 | 0.06 | 0.0003 | <0.04 | 0.04 | NA |
| OMNNI | 04/08/08 | 0.0114 | 0.00043 | 0.00011 | 0.864 | 0.0043 | 0.014 J | 0.000095 J | <0.0001 | 0.0024 | 0.0071 | 0.063 |
| Appleton | 08/19/08 | <0.08 | < 0.001 | <0.01 | 0.95 | <0.01 | 0.005 | < 0.03 | 0.0002 | <0.02 | < 0.01 | NA |
| Appleton | 03/31/09 | <0.09 | < 0.012 | <0.01 | 0.99 | <0.01 | <0.008 | <0.05 | <0.0002 | <0.02 | <0.01 | NA |
| OMNNI | 04/07/09 | <0.0151 | 0.003 J | 0.00040 J | 0.767 | 0.0024 J | < 0.0060 | <0.0014 | <0.00010 | 0.0016 J | 0.0137 J | 0.84 |
| Appleton | 09/22/09 | < 0.08 | < 0.006 | < 0.01 | 2.3 | < 0.01 | <0.008 | < 0.05 | < 0.0002 | < 0.02 | < 0.01 | NA |
| Appleton | 03/02/10 | <0.06 | < 0.002 | <0.01 | 1.6 | <0.01 | <0.008 | < 0.03 | <0.0002 | <0.01 | <0.01 | NA |
| OMNNI | 04/06/10 | 0.0501 J | < 0.0014 | 0.00043 J | 1.16 | 0.0024 J | < 0.0061 | < 0.00075 | <0.0001 | 0.0023 J | 0.0046 J | 1.3 NA |
| Appleton Appleton | 11/02/10 02/24/11 | <0.10 <0.08 | <0.010 <0.001 | <0.01 <0.01 | 0.71 | <0.01 <0.01 | <0.008 | <0.03 <0.04 | <0.0002 <0.0002 | <0.01 <0.02 | <0.01 <0.01 | NA |
| OMNNI | 02/24/11 | <0.08 0.0725 J | <0.001 0.0025 J | <0.001 | 0.401 | <0.01 0.0028 J | <0.0061 | <0.004 | <0.0002 | <0.02 0.00053 J | <0.01 0.0023 J | 0.40 |
| Appleton | 10/26/11 | <0.08 | < 0.0023 3 | <0.01 | 1.2 | <0.0028 J | 0.007 | <0.04 | <0.00010 | <0.02 | <0.01 | NA |
| Appleton | 03/21/12 | <0.11 | < 0.004 | <0.01 | 1.2 | 0.01 | 0.007 | <0.04 | <0.0002 | <0.02 | <0.01 | NA |
| Terracon | 04/05/12 | <0.0695 | < 0.0047 | < 0.00039 | 0.696 | 0.014 J | < 0.0061 | < 0.0014 | < 0.00010 | 0.001 J | < 0.0053 | 0.83 |
| Appleton | 10/04/12 | 0.0865 | 0.0051 | 0.00049 | 1.43 | 0.0028 J | 0.026 | 0.0022 | 0.0001 | 0.00019 J | < 0.0053 | NA |
| Terracon | 04/11/13 | 0.078 | < 0.004 | < 0.00048 | 0.431 | 0.0024 J | < 0.0038 | < 0.027 | < 0.00010 | 0.00013 J | < 0.0024 | 0.42 |
| Appleton | 04/17/13 | <0.0714 | < 0.0042 | <0.00048 | 0.279 | 0.0029 J | <0.0038 | <0.027 | < 0.00010 | 0.00062 J | < 0.0024 | NA |
| Appleton | 11/20/13 | <0.0714 | < 0.0042 | <0.00048 | 1.13 | 0.0018 J | 0.0044 J | <0.027 | <0.00010 | 0.00085 J | 0.0034 J | NA |
| Appleton | 04/15/14 | 0.119 J | <0.0068 | <0.001 | 0.27 | 0.0036 J | <0.060 | <0.0016 | <0.00010 | <0.0013 | <0.0058 | NA |
| Terracon | 05/13/14 | 0.116 J | <0.0068 | <0.001 | 0.273 | 0.0034 J | < 0.060 | 0.0040 J | <0.00010 | <0.0013 | 0.0064 J | 0.28 |
| Appleton | 9/24/2014 | <0.0655 | <0.0068 | <0.001 | 0.757 | < 0.0034 | <0.010 | <0.0016 | <0.00010 | <0.0013 | <0.0058 | NA |
| Terracon | 4/15/2015 | 0.054 J | <0.0072 | <0.00060 | 0.858 | 0.0041 J | <0.010 | <0.0030 | <0.00010 | <0.0014 | 0.0026 J | 0.92 |
| Appleton | 6/3/2015 | <0.0655 | <0.0068 | < 0.001 | 0.504 | < 0.0034 | < 0.020 | < 0.0016 | < 0.00010 | 0.0013 J | < 0.0058 | NA |
| Appleton | 10/21/2015 | 0.105 J | < 0.0068 | <0.0010 | 0.676 | < 0.0034 | <0.010 | 0.0024 J | <0.00010 | < 0.0013 | 0.0078 J | NA 0.70 |
| Terracon | 5/12/2016 | 0.0637 J | <0.0072 | <0.00060 | 0.645 | < 0.0036 | <0.0068 | <0.0030 | <0.00013 | 0.0018 J | <0.0013 | 0.70 |
| Appleton | 5/17/2016 | <0.090 | <0.001 | <0.010 | 0.530 | <0.010 | <0.007 | < 0.030 | <0.0002 | <0.020 | <0.01 | NA |
| Appleton | 11/1/2016 | <0.090 | <0.010 | <0.010 | 0.560 | <0.010 | <0.007 | <0.030 | <0.0002 | <0.020 | <0.010 | NA |
| Appleton Terracon | 4/27/2017 6/8/2017 | <0.060 <0.0555 | <0.001 <0.0083 | <0.010 <0.0013 | 0.370 | <0.010 <0.0063 | 0.007 | <0.030 <0.0043 | <0.0002 <0.00013 | <0.020 <0.0026 | <0.010 <0.0093 | NA 0.35 |
| Appleton | 11/9/2017 | <0.0555 | 0.0083 | 0.010 | 0.345 | <0.0063 | <0.0068 | <0.0043 | <0.00013 | <0.0026 | <0.0093 | 0.35 NA |
| Appleton | 5/22/2018 | <0.060 NA | <0.001 | < 0.0006 | 0.319 | 0.005 | 0.010 | <0.030 | <0.0002 | 0.005 | <0.010 | NA |
| Terracon | 6/7/2018 | 0.0713 J | <0.0083 | <0.0000 | 0.319 | < 0.0063 | <0.010 | <0.003 | < 0.0002 | < 0.0026 | <0.002 | 0.38 |
| Appleton | 11/14/2018 | NA | 0.020 | 0.001 | 0.325 | 0.004 | <0.009 | < 0.005 | <0.0002 | 0.004 | 0.004 | NA |
| Appleton | 4/18/2019 | NA | < 0.015 | < 0.0006 | 0.519 | 0.005 | < 0.005 | <0.000 | <0.0002 | 0.005 | <0.002 | NA |
| Terracon | 7/10/2019 | NA | 0.0091 J | < 0.0013 | 0.229 | < 0.0063 | 0.011 J | 0.006 J | < 0.00013 | 0.0029 J | < 0.0116 | 0.25 |
| Appleton | 9/18/2019 | NA | < 0.015 | < 0.0006 | 0.003 | 0.005 | < 0.009 | < 0.005 | < 0.0002 | 0.004 | < 0.002 | NA |
| Appleton | 6/4/2020 | NA | <0.028 | < 0.0006 | 0.295 | 0.008 | < 0.018 | < 0.007 | < 0.0002 | 0.008 | < 0.009 | NA |
| Terracon | 6/4/2020 | NA | < 0.0083 | < 0.013 | 0.282 | < 0.0034 | < 0.0069 | <0.0059 | < 0.00084 | < 0.0026 | <0.0116 | 0.28 |
| Appleton | 9/30/2020 | NA | <0.028 | < 0.0004 | 0.520 | 0.005 | <0.014 | <0.007 | <0.0002 | 0.006 | < 0.004 | NA |
| Appleton | 5/19/2021 | NA | <0.028 | < 0.0004 | 0.271 | 0.003 | <0.007 | <0.007 | < 0.0002 | 0.007 | < 0.004 | NA |
| Terracon | 6/4/2021 | NA | <0.0083 | <0.013 | 0.379 | 0.006 | < 0.0069 | <0.0059 | <0.00066 | <0.0026 | 0.0211 J | 0.14 |
| Appleton | 11/5/2021 | NA | <0.028 | <0.0006 | 0.327 | 0.007 | <0.014 | <0.007 | <0.0002 | 0.007 | < 0.004 | NA |
| | | | 0.000 | < 0.0006 | 0.439 | 0.005 | < 0.014 | < 0.007 | < 0.0002 | 0.008 | < 0.004 | NA |
| Appleton | 5/5/2022 | NA | <0.028 | | | | | | | | | |
| Appleton Terracon | 6/9/2022 | NA | <0.0083 | <0.013 | 0.452 | < 0.0034 | <0.0069 | <0.0059 | <0.00066 | <0.0026 | <0.0116 | 0.48 |
| Appleton Terracon Appleton | 6/9/2022 8/5/2022 | NA NA | <0.0083 0.016 | | | | | <0.0059 <0.0035 | <0.00066 <0.0002 | <0.0026 0.004 | <0.0116 0.004 | 0.48 NA |
| Appleton Terracon | 6/9/2022 | NA | <0.0083 0.016 | <0.013 | 0.452 | < 0.0034 | <0.0069 | | | | | |

 ${\sf J}$ = Estimated concentration detected above the limit of detection and below the limit of quantitation

¹ Beginning in September 2018, the Total Chromium lab sample was not filtered. Previously, through August 2018, the sample was filtered (0.45 micron filter).



Pace Analytical Services, LLC 1241 Bellevue Street - Suite 9 Green Bay, WI 54302 (920)469-2436

April 13, 2023

Scott Hodgson Terracon, Inc. - Milwaukee 4900 S Pennsylvania Ave Ste100 Cudahy, WI 53110

RE: Project: MAUTHE Pace Project No.: 40260287

Dear Scott Hodgson:

Enclosed are the analytical results for sample(s) received by the laboratory on April 05, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Day Milery

Dan Milewsky dan.milewsky@pacelabs.com (920)469-2436 Project Manager

Enclosures





Pace Analytical Services, LLC 1241 Bellevue Street - Suite 9 Green Bay, WI 54302 (920)469-2436

CERTIFICATIONS

Project: MAUTHE Pace Project No.: 40260287

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky UST Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334 New York Certification #: 12064 North Dakota Certification #: R-150 South Carolina Certification #: 83006001 Texas Certification #: T104704529-21-8 Virginia VELAP Certification ID: 11873 Wisconsin Certification #: 405132750 Wisconsin DATCP Certification #: 105-444 USDA Soil Permit #: P330-21-00008 Federal Fish & Wildlife Permit #: 51774A



SAMPLE SUMMARY

| Project: | MAUTHE | | | |
|-----------------|--------------|--------|----------------|----------------|
| Pace Project No | o.: 40260287 | | | |
| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
| 40260287001 | OUT FALL-001 | Water | 04/05/23 09:20 | 04/05/23 13:50 |



SAMPLE ANALYTE COUNT

Project: MAUTHE Pace Project No.: 40260287

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|--------------|--------------|----------|----------------------|------------|
| 40260287001 | OUT FALL-001 | EPA 6010D | SIS | 1 | PASI-G |
| | | SM 3500-Cr B | HNT | 1 | PASI-G |

PASI-G = Pace Analytical Services - Green Bay



SUMMARY OF DETECTION

| Project: Pace Project No.: | MAUTHE 40260287 | | | | | |
|-------------------------------|----------------------------------|-------------|--------------|---------------|----------------------------------|------------|
| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
| 40260287001 | OUT FALL-001 | | | | | |
| EPA 6010D SM 3500-Cr B | Chromium Chromium, Hexavalent | 180 0.16 | ug/L mg/L | 10.0 0.061 | 04/07/23 14:26 04/13/23 11:50 | |



PROJECT NARRATIVE

Project: MAUTHE Pace Project No.: 40260287

Method: EPA 6010D Description: 6010D MET ICP

Client:Terracon, Inc. - MilwaukeeDate:April 13, 2023

General Information:

1 sample was analyzed for EPA 6010D by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:



PROJECT NARRATIVE

Project: MAUTHE Pace Project No.: 40260287

Method: SM 3500-Cr B

Description:Chromium, HexavalentClient:Terracon, Inc. - MilwaukeeDate:April 13, 2023

General Information:

1 sample was analyzed for SM 3500-Cr B by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 442280

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40260074002

- M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
 - MS (Lab ID: 2539243)
 - Chromium, Hexavalent
 - MSD (Lab ID: 2539244)
 - Chromium, Hexavalent

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.



ANALYTICAL RESULTS

| | MAUTHE 40260287 | | | | | | | | | |
|---------------------|--------------------|---------|---------------|----------|-------------|---------|----------------|-----------------|--------------|------|
| Sample: OUT FALL- | -001 | Lab ID: | 40260287001 | Collecte | d: 04/05/23 | 3 09:20 | Received: 04/ | /05/23 13:50 Ma | atrix: Water | |
| Paramete | ers | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010D MET ICP | | | Method: EPA 6 | • | | hod: El | PA 3010A | | | |
| Chromium | | 180 | ug/L | 10.0 | 2.5 | 1 | 04/06/23 06:30 | 04/07/23 14:26 | 7440-47-3 | |
| Chromium, Hexavale | ent | | Method: SM 35 | | У | | | | | |
| Chromium, Hexavaler | nt | 0.16 | mg/L | 0.061 | 0.018 | 2.5 | | 04/13/23 11:50 | | |



QUALITY CONTROL DATA

| Project: MAUTHE Pace Project No.: 40260287 | | | | | | | | | | | | | | | | | |
|---|---------------|-------|------------|-----------|--------------------------------------|-----------|------------|------------|-----|-----|------|--|--|--|--|--|--|
| QC Batch: 441691 | | Analy | sis Metho | d: | EPA 6010D | | | | | | | | | | | | |
| QC Batch Method: EPA 3010A | | | sis Descri | | 6010D MET | | | | | | | | | | | | |
| | | | ratory: | • | Pace Analytical Services - Green Bay | | | | | | | | | | | | |
| Associated Lab Samples: 4026028 | 7001 | | | | , | | | | | | | | | | | | |
| METHOD BLANK: 2536097 | | | Matrix: W | ater | | | | | | | | | | | | | |
| Associated Lab Samples: 4026028 | 7001 | | | | | | | | | | | | | | | | |
| | | Blar | nk | Reporting | | | | | | | | | | | | | |
| Parameter | Units | Res | ult | Limit | Analy | zed | Qualifiers | 5 | | | | | | | | | |
| Chromium | ug/L | | <2.5 | 10 | .0 04/07/23 | 3 13:50 | | | | | | | | | | | |
| LABORATORY CONTROL SAMPLE: | 2536098 | | | | | | | | | | | | | | | | |
| | | Spike | LC | s | LCS | % Re | ec | | | | | | | | | | |
| Parameter | Units | Conc. | Res | sult | % Rec | Limi | ts (| Qualifiers | | | | | | | | | |
| Chromium | ug/L | 25 | 0 | 249 | 100 | | 80-120 | | _ | | | | | | | | |
| MATRIX SPIKE & MATRIX SPIKE DU | PLICATE: 2536 | 099 | | 253610 |) | | | | | | | | | | | | |
| | | MS | MSD | | | | | | | | | | | | | | |
| _ | 40260230001 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | | | | | | | |
| Parameter Unit | s Result | Conc. | Conc. | Result | Result | % Rec% Re | | Limits | RPD | RPD | Qual | | | | | | |
| Chromium ug/l | 2.6J | 250 | 250 | 261 | 268 | 103 | 106 | 75-125 | 3 | 20 | | | | | | | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALITY CONTROL DATA

| Project: MAUTHE | | | | | | | | | | | | | | | | | | |
|---|------------------------------|------------|--------------|---------------|--------------------------------------|-------------|--------------|-----------------|-----|------------|------|--|--|--|--|--|--|--|
| Pace Project No.: 40260287 | | | | | | | | | | | | | | | | | | |
| QC Batch: 442280 | | Analys | sis Metho | d: S | SM 3500-Cr B | | | | | | | | | | | | | |
| QC Batch Method: SM 3500-Cr B | | Analys | sis Descri | ption: C | hromium, l | lexavalen | t by 3500 | | | | | | | | | | | |
| | | Labora | atory: | Р | Pace Analytical Services - Green Bay | | | | | | | | | | | | | |
| Associated Lab Samples: 4026028 | 7001 | | | | | | | | | | | | | | | | | |
| METHOD BLANK: 2539241 | | I | Matrix: W | ater | | | | | | | | | | | | | | |
| Associated Lab Samples: 4026028 | 7001 | | | | | | | | | | | | | | | | | |
| | | Blanl | k | Reporting | | | | | | | | | | | | | | |
| Parameter | Units | Resu | lt | Limit | Analy | zed | Qualifier | rs | | | | | | | | | | |
| Chromium, Hexavalent | mg/L | <0 | .0073 | 0.024 | 04/13/23 | 3 11:44 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| LABORATORY CONTROL SAMPLE: | 2539242 | | | | | | | | | | | | | | | | | |
| | | Spike | LC | S | LCS | % R | ec | | | | | | | | | | | |
| Parameter | Units | Conc. | Res | sult | % Rec | Limi | ts | Qualifiers | | | | | | | | | | |
| Chromium, Hexavalent | mg/L | 0.3 | 3 | 0.29 | 98 | 3 ! | 90-110 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| MATRIX SPIKE & MATRIX SPIKE DU | PLICATE: 2539 | 243 | | 2539244 | | | | | | | | | | | | | | |
| MATRIX SPIKE & MATRIX SPIKE DU | PLICATE: 2539 | 0243 MS | MSD | 2539244 | | | | | | | | | | | | | | |
| MATRIX SPIKE & MATRIX SPIKE DU | PLICATE: 2539 40260074002 | - | MSD Spike | 2539244 MS | MSD | MS | MSD | % Rec | | Max | | | | | | | | |
| MATRIX SPIKE & MATRIX SPIKE DU Parameter Unit | 40260074002 | MS | - | | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual | | | | | | | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: MAUTHE Pace Project No.: 40260287

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MAUTHE Pace Project No.: 40260287

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|--------------|-----------------|----------|-------------------|---------------------|
| 40260287001 | OUT FALL-001 | EPA 3010A | 441691 | EPA 6010D | 441770 |
| 40260287001 | OUT FALL-001 | SM 3500-Cr B | 442280 | | |

40260287 LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or

| BEFORE CON Service A construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the construction free/Address: Contractive Proceedings of the constructin free/Address: <th cols<="" th=""><th>Pace Analytical*</th><th colspan="11">CHAIN-OF-CUSTODY Analytical Request Document</th><th colspan="13">LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here</th></th> | <th>Pace Analytical*</th> <th colspan="11">CHAIN-OF-CUSTODY Analytical Request Document</th> <th colspan="13">LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here</th> | Pace Analytical* | CHAIN-OF-CUSTODY Analytical Request Document | | | | | | | | | | | LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here | | | | | | | | | | | | |
|--|--|------------------------|--|-------------|-------------|--------------|---------------------------------------|---------------|------|----------|----------|---------|---------|--|--------|---|------|------------------|---------------------|--------------------------------------|--|-----------------------------|--|--|--|--|
| waterest 41/102 CAA Suite / Suite Suite / Suite / Suite Suite / Suite / Suite Suite / Sui | Compa <u>ny:</u> | Chain-o | t-Custody | | | I - Complet | e all releve | nt fields | | | ¥ 6 | ii j | . 2 | ALL | SH | ADEC |) AF | REAS | are | for LA | | * * | | | | |
| | Address: 4900 S Penn | culture in | A.so | 5.16 | 100 | Sr | AME | - | | | 117 | Cor | ntainer | | | · · · · | | | | | * | | | | | |
| Copy Tr: Site Collection Info/Address: (C) annowin hydrolect, (D) TSP, (U) upgraves (C) Other Customer Project Name/Number: Site / Site/Facility (D H: (C) annowin hydrolect, (D) TSP, (U) upgraves (C) Other Phone: H/h J-CP - 7L4 (C) Site/Facility (D H: (C) YP (D) (D) (C) YP (D) (D) Collected (F) Purchase Order #: (D) W PVS ID # (D) VD PVS ID # Collected (F) Uncestion Code: (C) YP (D) (C) Site/Facility (D) (C) YP (D) Collected (F) Uncestion Code: (C) YP (D) (C) YP (D) (C) YP (D) Collected (F) (C) PP (D) Simple Disposite (C) PP (D) | | | | | | | | | | | reserva | | | | | | | | | | | | | | | |
| Dustomer Project Rame/Number: Stee: County/City: Time Zone Collected: Mark Link UP (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) | Copy To: | | | Site Collec | tion Info/A | ddress: | | | | | | | | . (D) TSP, (| (U) U | | | | r | | | | | | | |
| mail: [] Yes [] No Collected 0/(pinple): Puechase Order #: DW WHS ID OF Collected 0/(pinple): Puechase Order #: DW WHS ID OF Collected 0/(pinple): Turnaround Date Required: Immediately Packed on Ice: Difease Asymptotic [] No Turnaround Date Required: Immediately Packed on Ice: Difease Asymptotic [] No [] Yes [] No Sample Disposalis: [] Yes [] No Poduce (P Science Asymptotic I) State Date (DW), Disposalis asymptotic Science Asymptotic I) No Poduce (P Science Asymptotic I) Rum [] Yes [] No Produce (P Science Asymptotic I) Rum [] Yes [] No Produce (P Science Asymptotic I) Rum [] Yes [] No Produce (P Science Asymptotic I) Rum [] Yes [] No Categories II Matrix box below): Disking Water (DW), Around Water (WW), Rum (PW), Ar (AR), Rum (PW), Ar (A | Customer Project Name/Number: Mauthe | | | 1 , | 1 17 | · . | · · · · · · · · · · · · · · · · · · · | | | | | | | Analys | es | | | | 1 | Lab Sa | Lab Sample Receipt Checklist: | | | | | |
| Duck factors Quote #: DV Location Code: Y H MA Collected by (septime): Turnaround Date Required: II Yes 1 No Sample Dipositi: Rush: II Yes 1 No Y H MA Dipose as appoint Rush: I Sample Dipositi: I Yes I No I poteps as appoint Rush: I Sample Dipositi: I Yes I No I active: I J Sample Dipositi: Rush: Field Filtered (ff applicable): I Yes I No I hold: Composite Sample ID Matrix * Comp/ Collected (or Composite End) Composite End Composite End Res # of Composite End I I I I I I I I I I I I I I I I I I I I I I I I I I I | Phone: 414-309 - 764 0 Email: | Site/Facility ID | #: | | | | | ing? | | | | | | د در می در مربع مربع می | | | | | | Colle | ctor Signature Present Y N NA | | | | | |
| Collected by (supporture): Turnaround Date Required: Immediately Packed on Ice: | Collected By (print): Dare Hassner | | r #: | | | 1 | | | | | | | | | | | | | | Suffic Sample | cient Volume Y N NA es Received on Ice Y N NA | | | | | |
| I Hold: I Depetite Charges Apply Analysis: PB Strips: PB Strips: Watrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Sol/Solid (SL), Oil (OL), Wine (WP), Air (AR), Tissue (TS, Biossas (R), Asport (N), Other (OT) PB Strips: Lab USE OUTY it Customer Sample ID Matrix * Composite Start) Composite End Res P of C Customer Sample ID Matrix * Grad Composite Start) Composite Start) Composite Start) Composite Start) Composite Start) Customer Remarks / Special Conditions / Possible Hazards: Type of Lce Used: Wet Blue Dry None SHORT HOLDS PRESENT (<27 hours): Y | 213 | Turnaround Da | ate Require | ed: | | | • | on Ice: | | 5 | 5 | | | ve en | | | | | | | | | | | | |
| Matrix Codes (Insert in Matrix box below): Crinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soul/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT) Customer Sample ID Matrix * Comp / Grab Composite Start) Composite Start C | Sample Disposal: [] Dispose as appropriate [] Return [] Archive: | [] Sar [] 2 Day [|] 3 Day | [] 4 Day | | Field Filter | red (if appli | cable): | | Chemi | hremiu | | | é. | | , , , , , , , , , , , , , , , , , , , | | * ******* | | Residu Cl Str Sample pH Str | al Chloring Present Y N NA rips: p H Acceptable V N NA | * . K _{abu} , r | | | | |
| Customer Sample ID Matrix * Grab Composite Start) Composite End Cl Clns | • | • | • | • • | | • • • | • | •• | | $t_{a}($ | V | - H4 | | | | * | | ь. с. с. к | | Lead A | Acetate Strips: | | | | | |
| OUT FAIL-wi wwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwww | Customer Sample ID | Matrix * | | Compos | ite Start) | ļ | | Tot | 794 | | | | | | | | | 'Lab Sa | ample # / Comments: | < | | | | | | |
| Packing Material Used: Lab Tracking #: 2781819 Packing Material Used: Radchem sample(s) screened (<500 cpm): | OUT FALL-W | ww | Gab | | | Date | nine | | | 1 | 1 | | | | | | | | | · O | 01 | , | | | | |
| Packing Material Used: Lab Tracking #: 2781819 Packing Material Used: Lab Tracking #: 2781819 Radchem sample(s) screened (<500 cpm): | | | | | | | | | | | | | | | | | | | | | · · · · · | | | | | |
| Packing Material Used: Lab Tracking #: 2781819 Packing Material Used: Lab Tracking #: 2781819 Radchem sample(s) screened (<500 cpm): | | | | <u> </u> | | | | | | | | | | | | | | | | | | | | | | |
| Packing Material Used: Lab Tracking #: 2781819 Packing Material Used: Lab Tracking #: 2781819 Radchem sample(s) screened (<500 cpm): | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Packing Material Used: Lab Tracking #: 2781819 Packing Material Used: Lab Tracking #: 2781819 Radchem sample(s) screened (<500 cpm): | | | | ļ | | | | | 1 | | | | | | _ | | _ | | | | | | | | | |
| Packing Material Used: Lab Tracking #: 2781819 Packing Material Used: Lab Tracking #: 2781819 Radchem sample(s) screened (<500 cpm): | | | | | | | | | | | | | | с. | | ., - | - | | | * | т. , к. с. р. | | | | | |
| Packing Material Used: Lab Tracking #: 2781819 Packing Material Used: Lab Tracking #: 2781819 Radchem sample(s) screened (<500 cpm): | | | | | | | | | | | <u> </u> | ¢' | | s., | - | | | e e | | n n 1937 p 1947 p | at the second se | | | | | |
| Packing Material Used: Lab Tracking #: 2781819 Packing Material Used: Radchem sample(s) screened (<500 cpm): | | | | | | | | | | | | | | ν ^ε | | ' | | 4 5. 1. | | ŕ | · · · | X | | | | |
| Radchem sample(s) screened (<500 cpm): | Customer Remarks / Special Conditi | ions / Possible H | | <u> </u> | | | Blue Dr | $\frac{y}{2}$ | one | | | | | | | | | | | * | Temp Blank Received: Y N NA Therm ID#: | , | | | | |
| Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: Date/Ti | Radchem sample(s) screened (<500 cpm): Y | | | | | | | | | | | • | | via: | , | | | | | ırier | Cooler 1 Therm Corr. Factor:oC | : | | | | |
| Actinum: Company: (Signature) Date/Time: CI:LID Received by/Company (Signature) Date/Time: Trip Blank Received: X N NA | | , | | | | Received by | y/Company | : (Signat | | <u>}</u> | _ | | | 117- | 2 | | MTJI | | | | | | | | | |
| Trip Blank Received: Y N NA | | re) | Date | e/Time: | | Received by | y/Company | 5 | ure) | | | Date/1 | lime: | <u>100</u> | 2 ~ | Acctn | um: | 4 | | | Trip Blank Received: Y N NA | | | | | |
| Pace 4/5/23 7550 Prelogin: Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: PM: Non Conformance(s): Page: 18 of 15 VFFS / NO Of: 1 | Relinquished by/Company: (Signatu | | | | 350 | Received by | y/Company | | | l | | | | 190 | Ľ | 1 | gin: | | | | Non Conformance(s): Page 15 of 1: | 5 | | | | |

DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form Effective Date: 8/16/2022

| | | | ame: needing | | ervatu | ∕∕∕~ on ha | -Lî ve be | n ch | | and r | | | | ⊡∕⊭ | Proj s | ject i ⊡No | # | | | 265 | 28 | 37 | 1 | -4 | | | | | | tial wh | | C | Date/ | |
|---------------|--|---------------------|-----------------|---------------|----------------|----------------------|--------------|--------------|-----------------|---|---------|---|--|---------------|------------------|---------------|----------------------|----------|------------|---------------------------------------|--|----------|--------------------|-------------------------|---|-------------------|--------------|------------------|---------------|-------------------|--------------------------|-------------------------------|-------------------|----------------|
| Pace Lab # | AG1U | BG1U | AG1H | Glass VG4S | AG5U | AG2S | BG3U | BP1U | | Plast 8248 | | | BP2Z | VG9C | | | | | | JGFU | Jars D H Adju Jars D H H Adju Jars D J | | | Gen ZPLC ZPLC | | eral L NS | | | H2SO4 pH ≤2 8 | taOH+Zn Act pH ≥9 | vaOH pH ≥12 | HNO3 pH <2 | pH after adjusted | Volume (mL) |
| 001 | 4 | | | | | | | | | | | <u></u> | | 2 | | ~ | 2 | | <u>^</u> | | <u> </u> | <u> </u> | | <u></u> | | | | VOA Vials (>6mm) | | Ž | z | $\frac{I}{Y}$ | đ | 2.5/5 |
| 002 | | | | ふき | 读公 | Si da | 122 | | | 1990) 1 | 123 13 | 1000 1000 1000 1000 1000 1000 1000 100 | | 1 | | | | v (* * * | 1. ja | 14 | ۰. ب | | à î | 1240 | | 補給 | | | | | 1 | ANNA AND | AN - | 2.5/5 |
| 003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5 |
| 004 | | | | 1995 AU | 1.650 | | | | | ~ ~ | e | · · · * * | and the second s | d - States | 33 | | | х. ч | 5 | \$ | \$ 21 | ž | Ť | · · · | 84 | 1 | and a second | | | 124 | | ÷. | ALL AND A | 2.5/5 |
| 005 | | | | | | | | \downarrow | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5 |
| 006 | | | | 100 45 | | 10.25 | 33 | 1 May | r Zie Zer Me | | | | | ÀQ | | 金 | 240 | | | 2. | | × 200 | | | | | | 1 | | | 10 m | 1 | | 2.5/5 |
| 007 | | | | | | | | | | | \sim | \vdash | | | | | | | | | | | | | | | | | | | | | | 2.5/5 |
| 008 | | 1.12 | | | 18.25 18.25 | £.,3 | . v | | | | 1 | 1 | 12 | 3.789 | 200 | 5 43 | , ? ^{, 2} , | * | | | | ъ 4 | | 1 | î | z | | | 4. 1 | X | 20 ⁴ | × | | 2.5/5 |
| 009 | | | | | | | | | | | | V/ | 5 | 5 | $\left \right $ | \downarrow | | | | | | | | | | | | | | | | | | 2.5/5 |
| 010 | | | | | | 100 | - 38 Ag | 10 June 100 | 1.21 | and the second | 1.18 | Z_{2} | \mathbb{N} | 0 | Κs | | 10.1 | | 1. J. J. | | 'art' q | ~ . A | re er. | 5 | n in the second | ¥. 7.8.4 | | 4. AND 1 | 15) | | a a September Para | *** | | 2.5/5 |
| 011 | | | | | | | | | | | | | | | | P7 | 5 | | | | | | | | | | | | | | | | | 2.5/5 |
| 012 | | | and the second | | · ~, | | | , î | s pro |) j <u>e</u> și | e., | | New Y | 100 A | | | 4 . A . | 1.5 | - | | | | | | | t ent | | No. | | | | ран 29. ург (29. ург (| | 2.5/5 |
| 013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5 |
| 014 | 2.5.5 | | | 12 | | 8 6.24 3-1 - 1 | | 2 G | , Slow | | | SEA : | 28.3 | 2.5 | \$ · · | 287 | | : : | 1000 | 829 | | | ** | | 2 3. i | 1. ₂ - | 4.7 | * | | | t the second | No. | 84Q89 | 2.5/5 |
| 015 | | | | | | | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | | $ \frown$ | | | | | | | | | 2.5/5 |
| 016 | ille i | 200 | W. | 1 | | | , | · | 1 N 16 | , which | Enter . | 3. 5. | 14 . B | a top | | 1 2.8 | ۰ بلا | | | | | | ć. | رط ب <u>را</u> قيد ع | 10 3 | N | | | 2 1 | | | , e | - | 2.5/5 |
| 017 | Γ | Ι | | | | Γ | | | Τ | | Ι | | | | | | | | | | | | | | | | 1 | \sim | | | | | | 2.5/5 |
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| 019 | | Ι | | | | Ι | | Γ | | | | | | | | | 1 | | | 1 | | | | Ι | | | Ι | | | | \sim | | | 2.5/5 |
| 020 | de la | 3 | | | 13. X | 1.1 | · · · | | | | ~ | λ. ψ. | | 1. N. N. | * 2 | . 2 | 1. X. | | | , | ́., | 1 in 1 | | 1. A. | · · · | | | , 1. | x 599 | | Z. | | × = | 2.5/5 |
| Except | ons to | prese | rvation | check | VOA | , Coli | form, | тос | , тох | , ТОН | 0&G | , WI D | RO, F | henol | ics, O | th <u>er:</u> | | | <u>.</u> | _ | Hea | dspac | e in V | OA VI | als (>(| 6mm) : | ΠYe | es 🗆 N | No D | N/A | *lf ye | es lool | in hea | dspace colum |
| AG1U | | | | | | | BI | P1U | | er plas | | | | | | V | 39C | 40 m | nL clea | ar asc | orbic | w/ HC | CI | Jo | SFU | 4 oz | ambe | r jar u | Inpres | 5 | | | 1 | |
| | BG1U 1 liter clear glass BP3U 250 mL plastic unpres DG9T 40 mL amber Na Thio | | | | | | | | | | | | 39U | | | | Inpres | 5 | | | | | | | | | | | | | | | | |
| | AG1H1 liter amber glass HCLBP3B250 mL plastic NaOHVG9U40 mL clear vial unpresAG4S125 mL amber glass H2SO4BP3N250 mL plastic HNO3VG9H40 mL clear vial HCL | | | | | | | | | | | | | GFU | | clear | | | | | | | | | | | | | | | | | | |
| AG4S AG5U | | | | | | | | | | | | | | | | | | | PFU P5T | | | | Inpres | | ato | | | | | | | | | |
| AG50 AG2S | | | | | | | | P3S P2Z | | 500 mL plastic h2SO4 VG9M 40 mL clear vial MeOH | | | | | | | | | | | PDI | | | | | | | | | | | | | |
| BG3U | | | | | | | F | | 1 | P | | | | | | | | 1.0.11 | | | | | | | N 1 | | 9 | | | | | | | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | G | N 2 | | | | | | | | l Pa | age 1 of c |

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Sample Condition Upon Receipt Form (SCUR)

| Project #: |
|--|
| Client Name: <u>Terracon</u> WO#:40260287 |
| Courier: 🔲 CS Logistics 🗍 Fed Ex 📋 Speedee 🔄 UPS 🗋 Waltco |
| Client Pace Other |
| Tracking #: 40260287 |
| Custody Seal on Cooler/Box Present: 🔲 yes 🔽 no Seals intact: 🗍 yes 🗍 no |
| Custody Seal on Samples Present: 🔲 yes 🖉 no 👘 Seals intact: 🔲 yes 🔲 no |
| Packing Material: 🔲 Bubble Wrap 🔲 Bubble Bags 🔏 None 🔲 Other |
| Thermometer Used SR - 9 Type of Ice Wet Blue Dry None Meltwater Only Person examining contents: |
| Cooler Temperature Uncorr. O. S /Corr / S |
| Temp Blank Present: yes no Biological Tissue is Frozen: yes no Date: D |
| Temp should be above freezing to 6°C. Biota Samples may be received at ≤ 0°C if shipped on Dry Ice. Labeled By Initials: |
| Chain of Custody Present: ZYes DNo DN/A 1. |
| Chain of Custody Filled Out: ZYes DNo DN/A 2. |
| Chain of Custody Relinquished: Yes DNo DN/A 3. |
| Sampler Name & Signature on COC: Yes DNo DN/A 4. |
| Samples Arrived within Hold Time: $\swarrow_{\text{Yes}} \Box_{\text{No}}$ 5. |
| - DI VOA Samples frozen upon receipt |
| Short Hold Time Analysis (<72hr): QYes DNo 6. |
| Rush Turn Around Time Requested: |
| Sufficient Volume: 8. |
| For Analysis: Zyes DNo MS/MSD: Dyes ZNo DN/A |
| Correct Containers Used: ZYes DNo 9. |
| Correct Type: Pace Green Bay, Pace IR, Non-Pace |
| Containers Intact. Dies DNo 10. |
| Filtered volume received for Dissolved tests |
| Sample Labels match COC: ZYes DNo DN/A 12. |
| -Includes date/time/ID/Analysis Matrix <u> </u> |
| Trip Blank Present: |
| Trip Blank Custody Seals Present |
| Pace Trip Blank Lot # (if purchased): |
| Client Notification/ Resolution: If checked, see attached form for additional comments Date/Time: Comments/ Resolution: |
| |

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

Page_2 of_2



Pace Analytical Services, LLC 1241 Bellevue Street - Suite 9 Green Bay, WI 54302 (920)469-2436

May 15, 2023

Scott Hodgson Terracon, Inc. - Milwaukee 4900 S Pennsylvania Ave Ste100 Cudahy, WI 53110

RE: Project: 58117057 MAUTHE Pace Project No.: 40261708

Dear Scott Hodgson:

Enclosed are the analytical results for sample(s) received by the laboratory on May 04, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Day Milenty

Dan Milewsky dan.milewsky@pacelabs.com (920)469-2436 Project Manager

Enclosures





Pace Analytical Services, LLC 1241 Bellevue Street - Suite 9 Green Bay, WI 54302 (920)469-2436

CERTIFICATIONS

Project: 58117057 MAUTHE

Pace Project No.: 40261708

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky UST Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334 New York Certification #: 12064 North Dakota Certification #: R-150 South Carolina Certification #: 83006001 Texas Certification #: T104704529-21-8 Virginia VELAP Certification ID: 11873 Wisconsin Certification #: 405132750 Wisconsin DATCP Certification #: 105-444 USDA Soil Permit #: P330-21-00008 Federal Fish & Wildlife Permit #: 51774A



SAMPLE SUMMARY

Project: 58117057 MAUTHE

Pace Project No.: 40261708

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|-------------|--------|----------------|----------------|
| 40261708001 | OUTFALL-001 | Water | 05/04/23 07:00 | 05/04/23 14:30 |



SAMPLE ANALYTE COUNT

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40261708

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|-------------|--------------|----------|----------------------|------------|
| 40261708001 | OUTFALL-001 | EPA 6010D | SIS | 1 | PASI-G |
| | | SM 3500-Cr B | EXM | 1 | PASI-G |

PASI-G = Pace Analytical Services - Green Bay



SUMMARY OF DETECTION

Project: 58117057 MAUTHE

Pace Project No.: 40261708

| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
|---------------------------|----------------------------------|-------------|--------------|---------------|----------------------------------|------------|
| 40261708001 | OUTFALL-001 | | | | | |
| EPA 6010D SM 3500-Cr B | Chromium Chromium, Hexavalent | 233 0.24 | ug/L mg/L | 10.0 0.061 | 05/11/23 13:41 05/15/23 11:40 | |



Project: 58117057 MAUTHE

Pace Project No.: 40261708

Method: EPA 6010D

Description:6010D MET ICPClient:Terracon, Inc. - MilwaukeeDate:May 15, 2023

General Information:

1 sample was analyzed for EPA 6010D by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:



Project: 58117057 MAUTHE

Pace Project No.: 40261708

Method: SM 3500-Cr B

Description:Chromium, HexavalentClient:Terracon, Inc. - MilwaukeeDate:May 15, 2023

General Information:

1 sample was analyzed for SM 3500-Cr B by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.



ANALYTICAL RESULTS

Project: 58117057 MAUTHE

Pace Project No.: 40261708

| Sample: OUTFALL-001 | Lab ID: | 40261708001 | Collected | : 05/04/2 | 3 07:00 | Received: 05/ | 04/23 14:30 Ma | atrix: Water | |
|----------------------|---------|----------------------------------|-----------|-----------|----------|----------------|----------------|--------------|------|
| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010D MET ICP | | Method: EPA 6 ytical Services | • | | thod: Ef | PA 3010A | | | |
| Chromium | 233 | ug/L | 10.0 | 2.5 | 1 | 05/10/23 12:30 | 05/11/23 13:41 | 7440-47-3 | |
| Chromium, Hexavalent | | Method: SM 35 ytical Services | | | | | | | |
| Chromium, Hexavalent | 0.24 | mg/L | 0.061 | 0.018 | 2.5 | | 05/15/23 11:40 | | |



| Project: | 58117057 MAUTH | E | | | | | | | | | | |
|--------------------|-----------------|--------------|-------|------------|------------|-------------|-------------|------------|------------|-----|-----|------|
| Pace Project No.: | 40261708 | | | | | | | | | | | |
| QC Batch: | 444516 | | Analy | ysis Metho | od: E | PA 6010D | | | | | | |
| QC Batch Method: | EPA 3010A | | Anal | ysis Descr | ription: 6 | 010D MET | | | | | | |
| | | | Labo | oratory: | F | Pace Analyt | ical Servic | es - Green | Bay | | | |
| Associated Lab Sar | nples: 40261708 | 001 | | | | | | | | | | |
| METHOD BLANK: | 2551672 | | | Matrix: V | Vater | | | | | | | |
| Associated Lab Sar | nples: 40261708 | 001 | | | | | | | | | | |
| | | | Blai | nk | Reporting | | | | | | | |
| Parar | neter | Units | Res | ult | Limit | Analy | /zed | Qualifier | S | | | |
| Chromium | | ug/L | | <2.5 | 10.0 | 05/11/2 | 3 13:25 | | | | | |
| | | | | | | | | | | | | |
| LABORATORY COI | NTROL SAMPLE: | 2551673 | | | | | | | | | | |
| | | | Spike | LC | CS | LCS | % R | ec | | | | |
| Parar | neter | Units | Conc. | Re | sult | % Rec | Limi | ts | Qualifiers | | | |
| Chromium | | ug/L | 25 | 50 | 258 | 10; | 3 8 | 30-120 | | _ | | |
| | | | | | | | | | | | | |
| MATRIX SPIKE & M | ATRIX SPIKE DUP | LICATE: 2551 | 674 | | 2551675 | | | | | | | |
| | | | MS | MSD | | | | | | | | |
| _ | | 40261821001 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | - |
| Paramete | r Units | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual |
| Chromium | ug/L | <2.5 | 250 | 250 | 254 | 258 | 101 | 103 | 75-125 | 2 | 20 | |
| | | | | | | | | | | | | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



| Project: 58 | 3117057 MAUTH | E | | | | | | | | | | |
|-----------------------|---------------|--------------|-------|-----------|-----------|------------|--------------|------------|------------|-----|-----|------|
| Pace Project No.: 40 | 0261708 | | | | | | | | | | | |
| QC Batch: | 444796 | | Anal | ysis Meth | od: | SM 3500-C | r B | | | | | |
| QC Batch Method: | SM 3500-Cr B | | Anal | ysis Desc | ription: | Chromium, | Hexavalen | t by 3500 | | | | |
| | | | Labo | oratory: | 1 | Pace Analy | tical Servic | es - Greer | n Bay | | | |
| Associated Lab Sample | es: 40261708 | 001 | | | | | | | | | | |
| METHOD BLANK: 25 | 553790 | | | Matrix: \ | Water | | | | | | | |
| Associated Lab Sample | es: 40261708 | 001 | | | | | | | | | | |
| | | | Bla | nk | Reporting | | | | | | | |
| Paramet | er | Units | Res | sult | Limit | Anal | yzed | Qualifie | rs | | | |
| Chromium, Hexavalent | : | mg/L | < | 0.0073 | 0.02 | 4 05/15/2 | 3 11:39 | | | | | |
| | | | | | | | | | | | | |
| LABORATORY CONTI | ROL SAMPLE: | 2553791 | | | | | | | | | | |
| | | | Spike | L | .CS | LCS | % R | ec | | | | |
| Paramet | er | Units | Conc. | Re | esult | % Rec | Limi | ts | Qualifiers | | | |
| Chromium, Hexavalent | : | mg/L | 0 | .3 | 0.29 | 9 | 8 ! | 90-110 | | | | |
| | | | | | | | | | | | | |
| MATRIX SPIKE & MAT | RIX SPIKE DUP | LICATE: 2553 | 792 | | 2553793 | | | | | | | |
| | | | MS | MSD | | | | | | | | |
| | | 40261882001 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | |
| Parameter | Units | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual |
| Chromium, Hexavalent | mg/L | <0.0073 | 0.3 | 0.3 | 3 0.29 | 0.27 | 96 | 91 | 90-110 | 6 | 20 | |
| | | | | | | | | | | | | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: 58117057 MAUTHE

Pace Project No.: 40261708

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40261708

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-------------|-----------------|----------|-------------------|---------------------|
| 40261708001 | OUTFALL-001 | EPA 3010A | 444516 | EPA 6010D | 444627 |
| 40261708001 | OUTFALL-001 | SM 3500-Cr B | 444796 | | |

| (Please Print Clearly) | | | | | | Page 1 of |
|---|---|----------------------|---|------------------|---------------------|---|
| Company Name: Torracon | | Anakd | ical [®] | MN: 612-607-1700 | WI: 920-469-2436 | 10261708 . |
| Branch/Location: Cudahy | | | Cal | | | 10201108 · |
| Project Contact: Scott Hodgson |] / | nnn paocoa | | | Quote #: | |
| Phone: 414-209-7640 | | IN O | F CUSTO | DY | Mail To Contact: | CAME |
| Project Number: 58/17057 | A=None B=HCL C=I | | rvation Codes IO3 E=DI Water F=Metha | inol G≂NaOH | Mail To Company: | TAME |
| Project Name: Mauthe | H=Sodium Bisulfate Solution | | lium Thiosulfate J=Other | | Mail To Address: |] |
| Project State: WI | FILTERED? (YES/NO) | NN | / | | 4 | |
| Sampled By (Print): Dave Hassman | PRESERVATION Pick | DA | | | Invoice To Contact: | |
| Sampled By (Sign) | Sta . 15 | | | | Invoice To Company: | |
| PO # | | Abranica, b. in. | - | | Invoice To Address: | |
| Program: | trix Codes | L Unamian Chamian | | | involue no Addressi | |
| (billable) | W = Water DW = Drinking Water | | | | | N/ |
| $\Box = PA \text{ Level III} $ (billable) C = Charcoal $\Box = PA \text{ Level IV} $ $\Box = NOT \text{ needed on } O = Oil$ | GW = Ground Water SW = Surface Water | | | | Invoice To Phone: | <u> </u> |
| | trix Codes W = Water DW = Dnnking Water GW = Ground Water SW = Surface Water WP = Wipe <u>LECTION</u> MATRIX | Total | | | CLIENT COMMENTS | LAB COMMENTS Profile # |
| DAIL | TIME Comment (MS | 1-250 1-2 | | | | |
| 001 OUTFALL-001 5-42 | | 1-1 0 1-1 | <u></u> | | | |
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| | 12.00 | | | | | |
| (Rush TAT subject to approval/surcharge) | ngushed Br. | 5-Y- | Date/Time)ろ | Received By | Pare 5/4/23 | PACE Project No. |
| Date Needed: Transmit Prelim Rush Results by (complete what you want): | nquished By: | Dars 5 | PaterTime 1430 | Received By. | Date Time | 3/430 |
| | nquished By | int / | Date/Time. | Received By. | Key Date/Time | Receipt Temp = 2 : 0° |
| Email #2: | nguebod Pu | | Data/Timo: | Received By. | Date/Time | Sample Receipt pH OK / Adjusted |
| Telephone: Rein Fax: | nquished By. | | Date/Time [.] | | Daternine | Cooler Custody Seal |
| Samples on HOLD are subject to Reli | nquished By | | Date/Time | Received By | Date/Time | Present / Not Present Intact PROFINTACE 15 |

DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form Effective Date: 8/16/2022

| | | t Na iers n | | prese | Tervatic | on ha | ve be | a (| Lab | り and n Lot# c | | | 9 | Sam | Proj | Pres ect # □№ | ŧ | | <u>4</u> | ceipt | 617 | 108 | | usted): | | | | | | tial wh | | | Date/ Time: | |
|---------------|--------|----------------|--------|----------------------|-----------|----------|----------|------------|--------------|----------------------|------------|--------------|-------|-------------|--------|---------------------|------------|----------|----------|--------------------|----------|-------------|---------|---------|-------------|--------------|--------|--------------------|-----------------|-------------------|-------------|------------|-------------------|-----------------|
| Pace Lab # | AG1U | BG1U | AG1H | Glass Gd S | AG5U | AG2S | BG3U | BP1U | BP3U | Plast 8Ed | ic BP3N | BP3S | BP2Z | VG9C | DG9T | Via NG9N | als H6DA | VG9M | VG9D | JGFU | JG9U | ars NGFU | WPFU | SP5T | Gen ZPLC | eral F NS | GN 2 | VOA Vials (>6mm) * | H2SO4 pH ≤2 | NaOH+Zn Act pH ≥9 | NaOH pH ≥12 | HNO3 pH ≤2 | pH atter adjusted | Volume (mL) |
| 001 | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 43 | | | | | | \times | | 2.5/5 |
| 002 | | | | | | | | | | | | | | | | | | | | | | | | 10. | 507 | 2 | ₽ | | | | | | | 2.5/5 |
| 003 | | | | | | | | | | ļ | | | | | - | | | | | | | | | ļ | | | | | | | | | | 2.5/5 |
| 004 | | | | | ~ | | | | | <u> </u> | | | | | | | | | <u> </u> | | | | | ļ | | | | | | ļ | | | | 2.5/5 |
| 005 | | | | | | | | | | | | | | | | | | | ļ | | | | | | | ļ | | | | | | | | 2.5 / 5 |
| 006 | | | | | | | | | \leftarrow | | | | | | | | | | | | | | | | | | | | | | <u> </u> | | | 2.5/5 |
| 007 | | | | | | <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5 |
| 008 | | | | | | | | | | [| \geq | | | | | | · · · · · | | | | | | | | | | | | | | | | | 2.5/5 |
| 010 | | | | | | | | - | | | <u> </u> | | | | | | | | | | | | | | | | | _ | | | | | | 2.5/5 2.5/5 |
| 011 | | | | | | <u> </u> | - | | | | | | | | | | | | | | <u> </u> | <u> </u> | - | | | | | | | | | | | 2.5/5 |
| 012 | | | | | | | | | | | | | | | | | | \vdash | | | | | | | | | | | | | | | | 2.5/5 |
| 013 | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | | | | | | | | 2.5/5 |
| 014 | | | | | 7.4.1.1.1 | | | 1 | 1 | | | | | | | | | | 1 | | | | | | | 1 | | | | | | | | 2.5/5 |
| 015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5 |
| 016 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5 |
| 017 | | | | | | | | | | | | | | | | | | | | | | | | | | \square | | | | | | | | 2.5/5 |
| 018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | \sim | | | • | | | 2.5/5 |
| 019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 4/5- | | 2 | 2.5/5 |
| 020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | <u>م</u> ا | 12 | 8 | | 2.5/5 |
| Excepti | ons to | preser | vation | check: | VOA | Coli | isym, | TOC, | , тох, | тон, | 0&G, | WID | RO, P | henoli | cs, Ot | h <u>er:</u> | | | | - | Hea | idspac | ce in V | /OA Vi | als (> | 6mm) | : 🗆 Ye | es □I | No 🗖 | N/A | *lf ye | es look | c in hea | dspace colum |
| AG1U | 1 lite | r am | ber gl | ass | | | B | P1U | 1 lite | r plas | tic un | ores | | | | Ve | 39C | 40 m | nL cle | ar asc | orbic | w/ HC | | T JO | FU | 4 oz | ambe | r iar i | unpres | 3 | | | 1 | |
| BG1U | | | | | | | | P3U | 250 | mL pla | astic (| Inpres | | | | DC | 39T | 40 m | nL am | ber N | a Thio |) | | JC | 39U | 9 oz | ambe | r jar i | unpres | | | | | |
| AG1H | | | | | | 74 | | P3B | | | | VaOH | | | | | 9U | | | ar vial | | | | | GFU | 4 oz | | | | | | | | |
| AG4S AG5U | | | | | | | | P3N P3S | | | | 1NO3 12SO | | | | | 39H 39M | | | ar vial ar vial | | | | | PFU P5T | | | | unpres Na Th | | ato | | 1 | |
| AG2S | 500 | mL a | mber | glass | H2SC | D4 | | P2Z | | | | VaOH | | | | | 59D | | | ar vial | | 11 | | | PLC | | c bag | | 110 111 | Josuli | | | | |
| BG3U | 250 | mL cl | lear g | ass u | npres | 3 | <u> </u> | | | <u> </u> | | | | | | | | | | | | | | | N 1 | | | | | | | | l | |
| | | | | | | | | | | | | | | | | | | | | | | | | G | N 2 | | | | | | | | P a | age <u>1</u> of |

2

| Sample | Condition | Upo | n Receipt For | m (SCUR) | |
|--|--------------------------------|--------------|---------------|-----------------------------|---|
| Client Name: <u>Terraco</u> Courier: □ CS Logistics □ Fed Ex □ Speede □ Client □ Pace Other: Tracking #: Custody Seal on Cooler/Box Present: □ yes □ Custody Seal on Samples Present: □ yes □ Packing Material: □ Bubble Wrap □ Bubble | e UPS Xno Seals no Seals | intact: | | | 40261708 |
| Thermometer Used SR - II7 Cooler Temperature Uncorr: II5 /Corr: Temp Blank Present: F yes ✓ no Temp should be above freezing to 6°C. Biota Samples may be received at ≤ 0°C if shipped on Dr | Type of Ice L. Biolo | : O t | Blue Dry None | └ Meltwater (└ yes └ no | Doly Person examining contents: 05/04/23 /Initials: Date: Labeled By Initials: |
| Chain of Custody Present: | Yes 🗆 No | □n/A | 1. | | |
| Chain of Custody Filled Out: | ZYes □No | □n/A | 2. | | 201-10 - 10 ¹⁻¹⁰ -10 |
| Chain of Custody Relinquished: | Ø Yes □No | □n/a | 3. | | _ |
| Sampler Name & Signature on COC: | Yes DNo | □n/A | 4. | | |
| Samples Arrived within Hold Time: | | | 5. | <u> </u> | |
| - DI VOA Samples frozen upon receipt | , □Yes □No | | Date/Time: | | |
| Short Hold Time Analysis (<72hr): | | | 6. | | |
| Rush Turn Around Time Requested: | | | 7. | | |
| Sufficient Volume: | | | 8. | | |
| | :□Yes Invo | | 0. | | |
| Correct Containers Used: | | | 9. | | |
| Correct Type: Pace Green Bay, Pace IR, Non-Pace | <u> </u> | | | | |
| Containers Intact: | Yes 🗆 No | | 10. | | |
| -iltered volume received for Dissolved tests | □Yes □No | | 11. | | |
| Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: | | □n/a | 12. | | |
| Frip Blank Present: | □Yes □No | | 13. | | |
| Frip Blank Custody Seals Present | □Yes □No | • . | | | |
| Pace Trip Blank Lot # (if purchased): | - | / | | | |
| Client Notification/ Resolution: Person Contacted: Comments/ Resolution: | | _Date/ | F ! | checked, see attacl | ned form for additional comments |

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample login

Page_2_of



Pace Analytical Services, LLC 1241 Bellevue Street - Suite 9 Green Bay, WI 54302 (920)469-2436

June 20, 2023

Scott Hodgson Terracon, Inc. - Milwaukee 4900 S Pennsylvania Ave Ste100 Cudahy, WI 53110

RE: Project: MAUTHE Pace Project No.: 40263261

Dear Scott Hodgson:

Enclosed are the analytical results for sample(s) received by the laboratory on June 07, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Day Milery

Dan Milewsky dan.milewsky@pacelabs.com (920)469-2436 Project Manager

Enclosures





Pace Analytical Services, LLC 1241 Bellevue Street - Suite 9 Green Bay, WI 54302 (920)469-2436

CERTIFICATIONS

Project: MAUTHE Pace Project No.: 40263261

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky UST Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334 New York Certification #: 12064 North Dakota Certification #: R-150 South Carolina Certification #: 83006001 Texas Certification #: T104704529-21-8 Virginia VELAP Certification ID: 11873 Wisconsin Certification #: 405132750 Wisconsin DATCP Certification #: 105-444 USDA Soil Permit #: P330-21-00008 Federal Fish & Wildlife Permit #: 51774A



SAMPLE SUMMARY

| Project: Pace Project No | MAUTHE | | | |
|-----------------------------|-------------|--------|----------------|----------------|
| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
| 40263261001 | OUTFALL-001 | Water | 06/07/23 07:10 | 06/07/23 15:55 |



Project:

SAMPLE ANALYTE COUNT

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|--|--------------|----------|----------------------|------------|
| | _ <u>_ · · · · · · · · · · · · · · · · · ·</u> | | | | - |
| 40263261001 | OUTFALL-001 | EPA 6010D | SIS | 7 | PASI-G |
| | | EPA 7470 | AJT | 1 | PASI-G |
| | | SM 3500-Cr B | SRK | 1 | PASI-G |
| | | EPA 335.4 | DAW | 1 | PASI-G |

PASI-G = Pace Analytical Services - Green Bay

MAUTHE



SUMMARY OF DETECTION

| Project: Pace Project No.: | MAUTHE 40263261 | | | | | |
|-------------------------------|----------------------------------|-------------|--------------|---------------|----------------------------------|------------|
| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
| 40263261001 | OUTFALL-001 | | | | | |
| EPA 6010D SM 3500-Cr B | Chromium Chromium, Hexavalent | 182 0.17 | ug/L mg/L | 10.0 0.061 | 06/12/23 14:16 06/08/23 14:16 | |



Project: MAUTHE Pace Project No.: 40263261

Method: EPA 6010D

Description:6010D MET ICPClient:Terracon, Inc. - MilwaukeeDate:June 20, 2023

General Information:

1 sample was analyzed for EPA 6010D by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:



Project: MAUTHE Pace Project No.: 40263261

Method:EPA 7470Description:7470 MercuryClient:Terracon, Inc. - MilwaukeeDate:June 20, 2023

General Information:

1 sample was analyzed for EPA 7470 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:



Project: MAUTHE Pace Project No.: 40263261

Method: SM 3500-Cr B

Description:Chromium, HexavalentClient:Terracon, Inc. - MilwaukeeDate:June 20, 2023

General Information:

1 sample was analyzed for SM 3500-Cr B by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:



Project: MAUTHE Pace Project No.: 40263261

Method: EPA 335.4

Description:335.4 Cyanide, TotalClient:Terracon, Inc. - MilwaukeeDate:June 20, 2023

General Information:

1 sample was analyzed for EPA 335.4 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 335.4 with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.



ANALYTICAL RESULTS

| Proj | ect: | | MAUTHE |
|------|------|--|--------|
| - | _ | | |

Pace Project No.: 40263261

| Sample: OUTFALL-001 | Lab ID: | 40263261001 | Collected | d: 06/07/23 | 3 07:10 | Received: 06/ | 07/23 15:55 Ma | atrix: Water | |
|----------------------|------------|-----------------|-------------|--------------|---------|----------------|----------------|--------------|------|
| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010D MET ICP | | Method: EPA 6 | • | | hod: E | PA 3010A | | | |
| | Pace Anal | ytical Services | - Green Bay | y | | | | | |
| Arsenic | <8.3 | ug/L | 25.0 | 8.3 | 1 | 06/09/23 08:10 | 06/12/23 14:16 | 7440-38-2 | |
| Cadmium | <1.3 | ug/L | 5.0 | 1.3 | 1 | 06/09/23 08:10 | 06/12/23 14:16 | 7440-43-9 | |
| Chromium | 182 | ug/L | 10.0 | 2.5 | 1 | 06/09/23 08:10 | 06/12/23 14:16 | 7440-47-3 | |
| Copper | <3.4 | ug/L | 10.0 | 3.4 | 1 | 06/09/23 08:10 | 06/12/23 14:16 | 7440-50-8 | |
| Lead | <5.9 | ug/L | 20.0 | 5.9 | 1 | 06/09/23 08:10 | 06/12/23 14:16 | 7439-92-1 | |
| Nickel | <2.6 | ug/L | 10.0 | 2.6 | 1 | 06/09/23 08:10 | 06/12/23 14:16 | 7440-02-0 | |
| Zinc | <11.6 | ug/L | 40.0 | 11.6 | 1 | 06/09/23 08:10 | 06/12/23 14:16 | 7440-66-6 | |
| 7470 Mercury | Analytical | Method: EPA 7 | 470 Prepai | ration Methe | od: EP/ | A 7470 | | | |
| | Pace Anal | ytical Services | - Green Ba | y | | | | | |
| Mercury | <0.066 | ug/L | 0.20 | 0.066 | 1 | 06/12/23 08:10 | 06/13/23 07:49 | 7439-97-6 | |
| Chromium, Hexavalent | Analytical | Method: SM 35 | 500-Cr B | | | | | | |
| | Pace Anal | ytical Services | - Green Ba | y | | | | | |
| Chromium, Hexavalent | 0.17 | mg/L | 0.061 | 0.018 | 2.5 | | 06/08/23 14:16 | | |
| 335.4 Cyanide, Total | Analytical | Method: EPA 3 | 35.4 Prepa | ration Meth | nod: EP | A 335.4 | | | |
| • | - | ytical Services | | | | | | | |
| Cyanide | <0.0069 | mg/L | 0.023 | 0.0069 | 1 | 06/20/23 10:05 | 06/20/23 11:36 | 57-12-5 | |



| - j | UTHE | | | | | | | | | | | |
|-----------------------|---------------|--------------|-------|------------|-----------|-------------|-------------|------------|------------|-----|-----|------|
| Pace Project No.: 40 | 263261 | | | | | | | | | | | |
| QC Batch: 4 | 47090 | | Anal | /sis Metho | od: | EPA 7470 | | | | | | |
| QC Batch Method: E | PA 7470 | | Analy | /sis Descr | iption: | 7470 Mercu | ry | | | | | |
| | | | Labo | ratory: | | Pace Analyt | cal Service | es - Green | Bay | | | |
| Associated Lab Sample | es: 402632610 | 01 | | | | | | | | | | |
| METHOD BLANK: 25 | 66471 | | | Matrix: V | Vater | | | | | | | |
| Associated Lab Sample | es: 402632610 | 01 | | | | | | | | | | |
| | | | Blai | nk | Reporting | | | | | | | |
| Paramete | er | Units | Res | ult | Limit | Analy | zed | Qualifier | S | | | |
| Mercury | | ug/L | | <0.066 | 0.2 | 0 06/13/23 | | | | | | |
| | | | | | | | | | | | | |
| LABORATORY CONTR | OL SAMPLE: | 2566472 | | | | | | | | | | |
| | | | Spike | L | CS | LCS | % Re | ec | | | | |
| Paramete | er | Units | Conc. | Re | sult | % Rec | Limi | ts (| Qualifiers | | | |
| Mercury | | ug/L | | 5 | 4.8 | 95 | 5 8 | 35-115 | | | | |
| MATRIX SPIKE & MATE | | _ICATE: 2566 | 473 | | 2566474 | | | | | | | |
| | | | MS | MSD | 200011 | | | | | | | |
| | | 40263388001 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | |
| Parameter | Units | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual |
| Mercury | ug/L | <0.066 | 5 | 5 | 4.8 | 4.9 | 96 | 98 | 85-115 | 1 | 20 | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: MAUTHE Pace Project No.: 40263261

| QC Batch: | 447030 | Analysis Method: | EPA 6010D |
|--------------------|--------------------|-----------------------|--------------------------------------|
| QC Batch Method: | EPA 3010A | Analysis Description: | 6010D MET |
| | | Laboratory: | Pace Analytical Services - Green Bay |
| Associated Lab Sam | nples: 40263261001 | | |

Matrix: Water

METHOD BLANK: 2565744

Associated Lab Samples: 40263261001

| | | Blank | Reporting | | |
|-----------|-------|--------|-----------|----------------|------------|
| Parameter | Units | Result | Limit | Analyzed | Qualifiers |
| Arsenic | ug/L | <8.3 | 25.0 | 06/12/23 14:13 | |
| Cadmium | ug/L | <1.3 | 5.0 | 06/12/23 14:13 | |
| Chromium | ug/L | <2.5 | 10.0 | 06/12/23 14:13 | |
| Copper | ug/L | <3.4 | 10.0 | 06/12/23 14:13 | |
| Lead | ug/L | <5.9 | 20.0 | 06/12/23 14:13 | |
| Nickel | ug/L | <2.6 | 10.0 | 06/12/23 14:13 | |
| Zinc | ug/L | <11.6 | 40.0 | 06/12/23 14:13 | |

LABORATORY CONTROL SAMPLE: 2565745

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|----------------|---------------|--------------|-----------------|------------|
| Arsenic | ug/L | 250 | 238 | 95 | 80-120 | |
| Cadmium | ug/L | 250 | 258 | 103 | 80-120 | |
| Chromium | ug/L | 250 | 257 | 103 | 80-120 | |
| Copper | ug/L | 250 | 255 | 102 | 80-120 | |
| Lead | ug/L | 250 | 263 | 105 | 80-120 | |
| Nickel | ug/L | 250 | 265 | 106 | 80-120 | |
| Zinc | ug/L | 250 | 260 | 104 | 80-120 | |

| MATRIX SPIKE & MATRIX | SPIKE DUPL | ICATE: 2565 | 746 MS | MSD | 2565747 | | | | | | | |
|-----------------------|------------|-----------------------|----------------|----------------|--------------|---------------|-------------|--------------|-----------------|-----|------------|------|
| Parameter | Units | 40263261001 Result | Spike Conc. | Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
| Arsenic | ug/L | <8.3 | 250 | 250 | 243 | 234 | 97 | 94 | 75-125 | 4 | 20 | |
| Cadmium | ug/L | <1.3 | 250 | 250 | 257 | 248 | 103 | 99 | 75-125 | 4 | 20 | |
| Chromium | ug/L | 182 | 250 | 250 | 441 | 425 | 103 | 97 | 75-125 | 4 | 20 | |
| Copper | ug/L | <3.4 | 250 | 250 | 257 | 246 | 102 | 98 | 75-125 | 4 | 20 | |
| Lead | ug/L | <5.9 | 250 | 250 | 260 | 248 | 104 | 99 | 75-125 | 5 | 20 | |
| Nickel | ug/L | <2.6 | 250 | 250 | 259 | 248 | 103 | 99 | 75-125 | 4 | 20 | |
| Zinc | ug/L | <11.6 | 250 | 250 | 254 | 245 | 100 | 97 | 75-125 | 3 | 20 | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



| Project: MAUTHE | | | | | | | | | | | |
|---|--------------|-----------------|-----------------------|-------------------------|---------------|-------------|--------------|-----------------|-----|------------|------|
| Pace Project No.: 40263261 | | | | | | | | | | | |
| QC Batch: 446955 | | Analysi | s Method | l: S | M 3500-Cr | В | | | | | |
| QC Batch Method: SM 3500-Cr B | | Analysi | s Descrip | otion: C | hromium, l | -lexavalent | by 3500 | | | | |
| | | Laborat | tory: | Р | ace Analyt | cal Service | es - Green | Bay | | | |
| Associated Lab Samples: 40263261 | 001 | | | | | | | | | | |
| METHOD BLANK: 2565234 | | М | atrix: Wa | ater | | | | | | | |
| Associated Lab Samples: 40263261 | 001 | | | | | | | | | | |
| | | Blank | F | Reporting | | | | | | | |
| Parameter | Units | Result | | Limit | Analy | zed | Qualifier | S | | | |
| Chromium, Hexavalent | mg/L | <0.0 | 0073 | 0.024 | 06/08/23 | 3 14:15 | | | | | |
| LABORATORY CONTROL SAMPLE: | 2565235 | | | | | | | | | | |
| | 2000200 | Spike | LC | S | LCS | % Re | ec | | | | |
| Parameter | Units | Conc. | Res | ult | % Rec | Limit | ts (| Qualifiers | | | |
| Chromium, Hexavalent | mg/L | 0.3 | | 0.29 | 97 | , <u> </u> | 90-110 | | _ | | |
| | | | | | | | | | | | |
| MATRIX SPIKE & MATRIX SPIKE DUP | LICATE: 2565 | 236 | | 2565237 | | | | | | | |
| MATRIX SPIKE & MATRIX SPIKE DUP | | MS | MSD | | | | | | | | |
| MATRIX SPIKE & MATRIX SPIKE DUP Parameter Units | 40263270009 | MS I Spike S | MSD Spike Conc. | 2565237 MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



| Project: Pace Project No.: | MAUTHE 40263261 | | | | | | | | | | | |
|-------------------------------|--------------------|--------------|-----------|----------------------------|-----------|------------|------------|------------|------------|-----|-----|------|
| QC Batch: | 447710 | | Analy | /sis Metho | 4. | EPA 335.4 | | | | | | |
| QC Batch Method: | EPA 335.4 | | | /sis Netrio /sis Descri | | 335.4 Cyan | ido. Totol | | | | | |
| QC Batch Method. | LFA 333.4 | | | ratory: | | Pace Analy | - | Croop | Pov | | | |
| Associated Lab Sam | nples: 40263261 | 001 | Labo | latory. | | Face Analy | | es - Gieen | Day | | | |
| METHOD BLANK: | 2570687 | | | Matrix: W | ater | | | | | | | |
| Associated Lab Sam | ples: 40263261 | 001 | | | | | | | | | | |
| | | | Blar | nk | Reporting | | | | | | | |
| Param | neter | Units | Res | | Limit | Anal | yzed | Qualifier | S | | | |
| Cyanide | | mg/L | < | 0.0069 | 0.02 | .3 06/20/2 | 3 11:24 | | | | | |
| LABORATORY CON | ITROL SAMPLE: | 2570688 | Spike | LC | S | LCS | % Re | ec | | | | |
| Param | neter | Units | Conc. | Res | sult | % Rec | Limit | ts (| Qualifiers | | | |
| Cyanide | | mg/L | 0 | .1 | 0.094 | 9 | 4 9 | 90-110 | | _ | | |
| MATRIX SPIKE & M | ATRIX SPIKE DUP | LICATE: 2570 | 689 MS | MSD | 2570690 |) | | | | | | |
| | | 40263423001 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | |
| Parameter | Units | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual |
| Cyanide | mg/L | <0.014 | 0.2 | 0.2 | 0.19 | 0.20 | 93 | 97 | 90-110 | 4 | 20 | |
| MATRIX SPIKE & M | ATRIX SPIKE DUP | LICATE: 2570 | 691 | | 2570692 | 2 | | | | | | |
| | | | MS | MSD | | | | | | | | |
| | | 40263644001 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | |
| Parameter | Units | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual |
| Cyanide | mg/L | <0.041 | 0.6 | 0.6 | 0.67 | 0.63 | 109 | 104 | 90-110 | 5 | 20 | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: MAUTHE Pace Project No.: 40263261

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

DL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MAUTHE Pace Project No.: 40263261

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-------------|-----------------|----------|-------------------|---------------------|
| 40263261001 | OUTFALL-001 | EPA 3010A | 447030 | EPA 6010D | 447151 |
| 40263261001 | OUTFALL-001 | EPA 7470 | 447090 | EPA 7470 | 447164 |
| 40263261001 | OUTFALL-001 | SM 3500-Cr B | 446955 | | |
| 40263261001 | OUTFALL-001 | EPA 335.4 | 447710 | EPA 335.4 | 447759 |

| CHAIN-OF-CUSTODY Analytical Request Document Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields | | | | | | | | | | | | LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here 40263261 | | | | | | | | | | | |
|---|---------------------------|--|---|---|---|---|-------|--------------|----------------------|--|--|--|------------|----------|---------|---|---|--|---|--|--------------------------------------|----------------|--|
| Company: | | | Billing Information: | | | | | | | ALL SHADED AREAS are for LAB USE ONLY | | | | | | | | | | | | | |
| Address: 49005 Prove | ylvenia | Ar | | Container Preservative Type ** Lab Project Manager: | | | | | | | | | | | , | ىنى و بەر | | | | | | | |
| Report To: Scott Hud | eson | | Email To: Site Collection Info/Address: | | | | | | | | ** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfaté, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other | | | | | | | | | | | | |
| Customer Project Name/Number: | | | State: County/City: Time Zone Collected: | | | | | | | C) ammonium hydroxide, (D) ISP, (D) Unpreserved, (D) Other | | | | | | | | | | | | ······ | |
| Phone: Email: | | | | | | [] PT [] MT [] CT [] ET Compliance Monitoring? [] Yes [] No | | | | | | | h gi | , • • | | ar ar | | Custod Collec | y Signatu tor Signat | resent/Int res Preser ture Prese | t YNI | | |
| Collected By (print): Dave Hassman | Purchase Orde Quote #: | er #: | | | DW PWS I DW Locat | | 5, 60 | | | | | | | . * | | Correc Suffic | s Intact t Bottles ient Volum s Received | | Y N Y N Y N | IA IA IA | | | |
| Collected By (signature): | Turnaround Da | ate Requir | ed: | | Immediate | | 4 5 | ्ह | n N National S | • | - 4 | * | | a. | | VOA - USDAAR | Headspace | Acceptabl Soils | y h d | | | | |
| Sample Disposal: [] Dispose as appropriate [] Return [] Archive: [] Hold: | []2 Day [| | | | Field Filtered (If applicable): [] Yes [] No Analysis: | | | | Mercu. | hromh | k. | | | | | 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - | 4 | Sample pH Str Sulfid | pH Accept ips; Present | $\gamma_{}$ | YN YN I | 1 1 3 1 4 | |
| | | Air (AR), Ti | r (DW), Ground Water (GW), Wastewater (WW), Fissue (TS), Bioassay (B), Vapor (V), Other (OT) | | | | | | | () X | an i e | , | r , dation | , | ngtu. | 37~. 1 | - 1 * # | Lead 🖉 | E ONLY: | rips: | | 1 • • • | |
| Customer Sample ID | Matrix * | Comp / Grab | | ted (or ate Start) Time | Composite End Ci Date Time | | | # of Ctns | Tot. (| 4 | 54 | e. | | | | 4 54 | | Lad Sa | mpie # _{est} / (| Comments: | · 'Au , | | |
| OUT FALL-UOI | ww | Grab | 6.7 | 7:10 | | | | | 1 | 11 | Â | | х <u>,</u> | | | | | 001 | · · | | · · · · | | |
| | | | | <u> </u> | | | | | 1. j. | $\frac{1}{1}$ | · · · · | | ۰ ب | | 1 k | | - | | | | | | |
| | | | ÷ | | ~ | · | | 1 | | ł | | , · | | | | | | | ngan a | , | , dr | a sala eta | |
| | | | | | | | 1 | | 1 | _ | r put | | e e | | | æ , | | 1 | * ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | e. e.s. | | ę. | |
| | | | | | | | | | | | <u>`</u> * | | | | | .) | 7 | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | | | | | | | , | | | | | | | | 1 | | | | - | 18 No y 1 | ,, , | |
| | | | | | | | | | , . | | ۰., | | | | n. r | , · · | e. | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | | | | r - 1 | |
| • | | | | | | | | | | | | | | | | 24 | ۰ ۲ | • | 4 | | | | |
| Customer Remarks / Special Condit | l ions / Possible I | l łazards: | Type of Ice Used: Wet Blue Dry None Packing Material Used: | | | | | | | SHORT HOLDS PRESENT (<72 hours): | | | | | | | | | | | [≪] NA [™] — oC | | |
| Delignuide ad hu/Communication | | | Radchem | | Samples received via: FEDEX UPS Client Courier Pace Courier Cooler Corrected Temp: | | | | | | | | | | Factor: | 0C | | | | | | | |
| | accn | 6 | | | | | | | | Table #: | | | | | | | | | | | | | |
| Relinquished by/Company: (Signatu | | | e/Time: 2/Time: 1/23 \ | | Pare Pare Trip Blank Received: Y N HCL MeOH TSP Othe | | | | | | | | | | | NA / | | | | | | | |
| Relinquished by/Company: (Signatu | ture) PC | Date/Time: PM: Non Conformance(s): Page: Out 6 7/23 555 PB: YES / NO of: | | | | | | | | | | | | | | | | | | | | | |

DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form Effective Date: 8/16/2022

| Client Name: <u>The Constant of preservation area below.</u> All containers needing preservation have been checked and noted below. Lab Lot# of pH paper:)ODO723 Lab Std #ID of preservation (if pH adjusted): Sample Preservation Receipt Form Project # <u>402/032/01</u> DN/A Initial when the Date/ completed: All Completed: Time | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|------------------------|-----------|--|-------------------|-------------|-----------------|------------|--|--|--------------------------|------------------------|------------------|------------------|-----------|--|----------------------------|---|----------------|-------------------|--------|-----------------------|--|--|--|----------|------------------|-----------------|---------------------------------------|-------------------|---------|---|---|--------------|
| | | | | Glass | 5 | | | | Plastic | | | | | | | Via | als | | | | Jars | | | | General | | | (>6mm) * | pH ≤2 | laOH+Zn Act pH ≥9 | H ≥12 | H ≤2 | adjusted | Volume |
| Pace Lab # | AG1U | BG1U | AG1H | AG4S | AG5U | AG2S | BG3U | BP1U | BP3U | BP3B | BP3N | BP3S | BP2Z | VG9C | DG9T | VG9U | VG9H | VG9M | VG9D | JGFU | JG9U | WGFU | WPFU | SP5T | ZPLC | GN 1 | GN 2 | VOA Vials | H2SO4 p | NaOH+Zn | иаОН рН | HNO3 pH | pH after a | (mL) |
| 001 | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | X | X | | 2.5/5 |
| 002 | | 10 A. | | | 65-402-588 65- | | 1155 gl (285 | | | 2009 N 210 | 10.99 | v . t ulije € | | | | | 旁面 | Catalistics Catalistics Catalistics Catalistics Catalistics | 1 | - Same | | JAK. | | St. 23 | s s | - Made | - 5M | #.L. 1 | 776 | | 物理 | | 1.00 | 2.5/5 |
| 003 | | | | | | | | | | | | | | | | a 19 4 (27 - | | | | ļ | | | | | | _ | | | | 1.38 | | 100 | | 2.5/5 |
| 004 | いない | n, 244 de 25., 2498 | | dosidi.e | | : 25 - | | | | . MA | 1.2 | | | | 1 mp. 8-4 | a. 11 | | | 3.5 | * " * Sc. | \$. | rt de Construction | 2.03 | A | | 1 | | 200 | | , Kat | 21 | 1 | `````````````````````````````````````` | 2.5/5 |
| 005 | 1111 B | | 1 | | 0.7.84 | 1 | 1.10798 | | | | | e construction | and fills | The states | an strack | NAN 2 | kindler v | 1.54 | Badaké na | | 1. al. | en | an an an an an an an an an an an an an a | Karan - Na | ar . I | | 5 -3 | 121.3 | 1.1 | Y dia | × | | | 2.5/5 |
| 006 | | 民族親 | | | | 观獭 | | | 1 (1/2 a) | | | 26988 | | 鐵機 | | | | | 131/2 | - ¹ 19 | | 999 (j | 化胶性 | 537) <u>f</u> | 1994 - X-1 | | છું ખા | o De | . 20 | 科理 | 118 | Star)- | : કેલ્ક્સ્ટ્રેસ | 2.5/5 |
| 007 | - 019 - 10 - 20 | 100.0 | 18 x 185 | 1.77 | <. <u>16886</u> 5 | 1 m mg | 1 | 190 | | a name | | × × × × 2 | | 1. | | 1.3.2 | | 481 | | | · · | | ÷ | | 87 V | | | 2 (5 | - | r _{e a} | < 438 | 5 . B | WE - | 2.5/5 |
| 008 | | | 1.4 1.8 | l i n K | | 1 | 1 | | <u>} </u> | | Þ | | 1 | \$, ." | | 194 194 | L | | | | | | ļ | | | | | | 25 10 10 | | A 4). | 3.1.2 ⁻¹ | 3.1 ⁷ .5 ⁷ | 2.5/5 |
| 009 | | 1.25 | 5.4 | 1.5.28 | | 0 | 1/3 | $+\ell$ | | * | | | 191 Jacou | . 15.1. | 1. | 1.66 | | | <u> </u> | | | | | 1.) In | 2 | | 5 | 15 m | | | 5 | 841 | | 2.5/5 |
| 010 | 1.1 | n verdig | 1.5° 8180 | 1100 | 1 1010100 | þa | Lege | 1.4 188 | <u> </u> | a sa sa sa sa sa sa sa sa sa sa sa sa sa | 8 , 69\$ | nd ^{en} ∝ iik | ويلغ وحارة | 649/%, | . : Shere | 15.83 | ర్ మేటు | 367 N N | | | -vna | | | \$\$ 3.68* | - da | | | r1 y | | <u> </u> | | | , well fix a | 2.5/5 |
| 012 | | | 3288 | | | 74 | 1788 | 1460 C | 8 . | 1.57 | | - Col - | and the second | | N. | 1 | ~ | 1 8×1 - | рат <u>р</u> . | | | | n yr | | 2 | | - 1 | | | L. | Ţ | 1.71 | | 2.5/5 |
| 013 | <u> 1878 - 1878</u> | × + 57 | 1.4.946 | 1. | | | | | | | 1-3- | 17 | \mathbb{W}^{1} | | | 1 | | | <u> </u> | Ť | | | | | | 1 | | | | | | | | 2.5/5 |
| 014 | - A | 6.43 | Airight | | 8 . E | ्र कृष्ण | 1.54 | nd a | | | | タ | Ħ | \mathbb{N}^{-} | 1 | | | 40 · · | | | ð | usia Rigilia | | 1 | | · 2 | s ^e , | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ۰. مر | 4 1 4 | | 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2 | 2.5/5 |
| 015 | | 1 | | din K | | | | i on | | | | | | | | - | | | | | | | | 1 | | | | | | | | | | 2.5/5 |
| 016 | , | | | C S at e | 气磷制 | | 20 | 建图 | | | ţx. | | | × **** | (188) · | | 1 | $\sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{i$ | | 德令 | A. | | - 10 E | l little to | た行 | | i day | | han in | | · Ruje | - Mile | 10/11/2 | 2.5/5 |
| 017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | 2.5/5 |
| 018 | | - 40 - 40 - 40 | | 行為 | | | 19 Å | , Ř | | | | | . 5% | | | 1.5 | 288 - 3863 - | , h | | N., | 型 : | 15 gr - | ές | ar i ma | | 1 - C | 2.00 | 9 | | | | 10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- | <u>```</u> | 2.5/5 |
| 019 | | 1 10 1 1 1000 | | 2 | | | | | | | | | | | | | | T SER | | | 3 1 . | | | | No. o I | | | | | the star 2 | | - (45) effort | N 10 2 1 | 2.5/5 |
| 020 | | | 330 | | \$\$\$ | | | (jabil) | | | (<i>613</i> 88) | diameters. | 樹林 | 14 Ja | >調約 | 利益之 | 1 - A - A | 影响 | \$\$ | \$\$\$\$ | \$A) ' | A. M | aller « | -a l-ĝ | and the second s | > | for the | | つき好 | an ann | uli ji | | 3 | 2.5/5 |
| Excepti | | | | | VOA | , Colit | - | | - | | | | RO, P | henoli | ics, Ol | | | | | - | | | | | | 6mm) | | | | | *lf ye | s look | in hea 1 | dspace colum |
| AG1U | | | | | | | | P1U | | | stic un | | | | | VG9C 40 mL clear ascorbic w/ HCl | | | | | | | | JGFU 4 oz amber jar unpres | | | | | | | | | | |
| BG1U AG1H | | | | | ICI | | | P3U P3B | | | | unpre NaOH | | | | DG9T 40 mL amber Na Thio VG9U 40 mL clear vial unpres | | | | | | | _ | JG9U 9 oz amber jar unpres WGFU 4 oz clear jar unpres | | | | | | | | | | |
| AG4S | | | | | | 04 | | P3N | | | | HNO3 | | | | | VG9H 40 mL clear vial HCL | | | | | | | | WPFU 4 oz plastic jar unpres | | | | | | | | | |
| AG5U | 100 | mL a | mber | glass | unpr | es | | P3S | 250 | mL p | lastic | H2SO | 4 | | | | VG9M 40 mL clear vial MeOH | | | | | | | | P5T | | | | | | | | | |
| AG2S | AG2S 500 mL amber glass H2SO4 BP2Z 500 mL plastic NaOH + Zn | | | | | | | | | | VG9D 40 mL clear vial DI | | | | | | | | j zi | PLC | zıplo | c bag | | | | | I | | | | | | | |

BG3U 250 mL clear glass unpres

GN 1

GN 2

DC#_Title: ENV-FRM-GBAY-0014 v03_SCUR Effective Date: 8/17/2022

| | Project #: | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|
| Client Name: Terra Con | WO#:40263261 | | | | | | | | | |
| Courier: CS Logistics Fed Ex Speedee UPS V | | | | | | | | | | |
| ☐ Client | | | | | | | | | | |
| Tracking #: | 40263261 | | | | | | | | | |
| Custody Seal on Cooler/Box Present: I yes I no Seals intact | : 🗖 yes 📈no | | | | | | | | | |
| Custody Seal on Samples Present: Lyes X no Seals intact | : 🗖 yes 🕅 no | | | | | | | | | |
| Packing Material: 🔲 Bubble Wrap 🔲 Bubble Bags 🕅 Non | e 🔲 Other | | | | | | | | | |
| Thermometer Used <u>SR - 129</u> Type of Ice. Wet | | | | | | | | | | |
| Cooler Temperature Uncorr: 40 /Corr. 4,0 | Person examining contents: | | | | | | | | | |
| | Tissue is Frozen: Desci no Date: 67/23/Initials | | | | | | | | | |
| Temp should be above freezing to 6° C. Biota Samples may be received at $\leq 0^{\circ}$ C if shipped on Dry Ice. | Labeled By Initials: | | | | | | | | | |
| Chain of Custody Present: | 1. | | | | | | | | | |
| Chain of Custody Filled Out: □Yes 🔊 □N/A | 2. No Billing Indo, 6/7/23. ART. | | | | | | | | | |
| Chain of Custody Relinquished: | 3. | | | | | | | | | |
| Sampler Name & Signature on COC: | 4. | | | | | | | | | |
| Samples Arrived within Hold Time: Kares ⊡No | 5. | | | | | | | | | |
| - DI VOA Samples frozen upon receipt | Date/Time: | | | | | | | | | |
| Short Hold Time Analysis (<72hr): | 6. | | | | | | | | | |
| Rush Turn Around Time Requested: | 7. | | | | | | | | | |
| Sufficient Volume: | 8. | | | | | | | | | |
| For Analysis: 🖉 Yes 🗆 No 🛛 MS/MSD: 🗆 Yes 🗖 🖉 🗆 N/A | | | | | | | | | | |
| Correct Containers Used: | 9. | | | | | | | | | |
| Correct Type: Pace Green Bay, Pace IR, Non-Pace | | | | | | | | | | |
| Containers Intact: | 10. | | | | | | | | | |
| Filtered volume received for Dissolved tests | 11. | | | | | | | | | |
| Sample Labels match COC: | 12. | | | | | | | | | |
| -Includes date/time/ID/Analysis Matrix: | | | | | | | | | | |
| Trip Blank Present: □Yes ØNo □N/A | 13. | | | | | | | | | |
| Trip Blank Custody Seals Present □Yes 🗤 □N/A | | | | | | | | | | |
| Pace Trip Blank Lot # (if purchased): | | | | | | | | | | |
| Client Notification/ Resolution: | If checked, see attached form for additional comments | | | | | | | | | |
| Person Contacted: Date/Time: | | | | | | | | | | |
| Comments/ Resolution: | | | | | | | | | | |
| | i | | | | | | | | | |

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

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