October 11, 2019



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

Attn: Mr. Brian Kreski (electronic) Phone: (920) 832-2353 Mobile: (920) 419-0649 Fax: (920) 832-5949

Re: 2019 Third Quarter Compliance Monitoring Report, Industrial User (Wastewater Discharge) Permit #18-21 N.W. Mauthe Superfund Site 725 South Outagamie Street Appleton, Wisconsin Terracon Project No. 58117057 BRRTS No. 02-45-000127

Dear Mr. Kreski:

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 No. 18-21, issued on May 31, 2018, which expires on May 31, 2021. This report covers the period of July 1, 2019, through September 30, 2019, 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 Terracon on July 10, 2019, and by the City of Appleton on September 18, 2019, but the City of Appleton results are not yet available. There were no exceedances. or Historical results are presented in the attached Table 2.

As noted in the 2012 Fourth Quarter Process Compliance Report the system was replumbed during 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 2019 sampling events.

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Approximately 250 milliliters (mL) of the collected sample was transferred to a new, clean 250mL 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 chromium. The laboratory analytic test reports and chain-of-custody record for each of the three monthly sampling rounds (July, August, and September 2019) 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 249,492 gallons with a mean daily flow of approximately 2,711 gallons per day. Based on the laboratory results, there were no exceedances during this reporting period from Outfall 001.

Scott A. Hodgson, P.G. 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."



Please call (920-791-9206) or email (<u>sahodgson@terracon.com</u>) if you have any questions or comments regarding the information provided or need additional information.



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

KLK/SAH:klk/\P58WFS01\Data\Projects\2011\58117057\Working Files\Pre-Treatment Permit\Process Compliance reports\Terracon 2019\Third Quarter\Third Quarter 2019 Process Compliance.doc

- Attachments: Table 1 Table 2 Laboratory Analytic Test Reports
- Copies to: Jennifer Borski, WDNR-Oshkosh (Electronic) File

| | | | OUTFA | ALL 001 | | | | Ma | nhole | #1 | Ма | nhole | #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 | Hexavalen Chromium Hach Test Kit (mg/L) |
| 09/25/07 | | 8,290,363 | | | | | | | | | | | |
| | 10/01/07 | 8,300,685 | | | | | | | | | | | |
| 10/01/07 | | 8,301,251 | 10,888 | | | | | | | | | | |
| 10/02/07 | | 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. |
| 10/22/07 | | 8,355,957 | 31,282 | | | | | | | | | | |
| 10/23/07 | | 8,355,957 | 0 | | 7.5 | 1.500 | | | 7.04 | 3.75 | | NA | |
| 10/29/07 | | 8,370,413 | 14,456 | October | | | | | | | | | |
| 10/30/07 | | 8,370,413 | 0 | 71,891 | 7.4 | 1.900 | | | NA | NA | | NA | |
| | 11/01/07 | 8,372,575 | | | | | | | | | | | |
| 11/05/07 | | 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 |
| 11/16/07 | | 8,386,583 | 8,671 | 21,587 | | | | | | | | | |
| | 12/01/07 | 8,394,162 | | | | | | | | | | | |
| 12/03/07 | | 8,395,372 | 8,789 | | | l | | | | | ļ | | |
| 12/04/07 | | 8,395,372 | 0 | | 8.6 | 3.100 | 2.500 | | 8.4 | 4.60 | | 8.6 | 0 |
| 12/12/07 | | 8,399,522 | 4,150 | December | | | | | | | | | |
| 12/21/07 | | 8,402,508 | 2,986 | 25,977 | | | | | | | | | |
| | 01/01/08 | 8,420,139 | | | | | | | | | | | |
| 01/01/08 | | 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 |
| 01/02/08 | | 8,421,628 | 760 | | | | | | | | | | |
| 01/10/08 | | 8,459,333 | 37,705 | | | | | | | | | | |
| 01/15/08 | | 8,479,244 | 19,911 | January | | | | | | | | | |
| 01/25/08 | | 8,497,063 | 17,819 | 84,612 | | | | | | | | | |
| | 02/01/08 | 8,504,750 | | | | | | | | | | | |
| 02/01/08 | | 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 |
| | 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 |
| 03/31/08 | | 8,653,211 | 124,280 | 128,713 | | | | | | | | | |
| | 04/01/08 | 8,656,324 | | | | | | | | | | | |
| 04/01/08 | | 8,657,629 | 4,418 | | 9.0 | 1.6 | 1.530 | | 8.7 | 1.60 | | 8.9 | 1 |
| 04/01/08 | | 8,661,298 | 3,669 | | | | | | | | | | |
| 04/04/08 | | 8,682,788 | 21,490 | | | <u> </u> | | | | | | | |
| 04/07/08 | | 8,697,084 | 14,296 | | | <u> </u> | | | | | | | |
| 04/08/08 | | 8,697,084 | 0 | | 9.1 | 0.063 | | | 8.7 | 1.40 | ļ | 8.9 | 0 |
| 04/14/08 | | 8,790,128 | 93,044 | | | ļ | | | | | ļ | | |
| 04/15/08 | | 8,790,128 | 0 | | 9.1 | 0.36 | | | 8.7 | 0.90 | | 8.8 | 0 |
| 04/15/08 | | 8,797,710 | 7,582 | | I | | | Installed | | | Installed | | ļ |
| 04/16/08 | | 8,804,525 | 1 | | ļ | ļ | | 1,074 | | ļ | 2,804 | | |
| 04/16/08 | | 8,806,972 | 2,447 | | I | | | 1,589 | | | 3,661 | | ļ |
| 04/21/08 | | 8,826,834 | 19,862 | | | | | 5,176 | | | 11,176 | | ļ |
| 04/22/08 | | 8,826,834 | 0 | | 9.1 | 0.87 | | 5,649 | 8.8 | 0.95 | 12,292 | 8.9 | C |
| 04/28/08 | | 8,860,276 | 33,442 | | | | | 13,291 | | | 36,802 | | ļ |
| 04/29/08 | | 8,860,276 | 0 | 212,193 | 9.1 | 0.51 | | 14,721 | 8.8 | 0.96 | 40,534 | 9.1 | C |
| | 05/01/08 | 8,868,517 | | | I | | | | l | | l | | ļ |
| 05/05/08 | | 8,890,994 | 30,718 | | I | | | 22,372 | l | | 59,203 | | ļ |
| 05/06/08 | | 8,890,994 | 0 | | 9.1 | 0.95 | 0.679 | 22,844 | 8.7 | 1.14 | 60,259 | 8.8 | C |
| 05/12/08 | | 8,907,573 | 16,579 | | I | | | 28,018 | l | | 70,853 | | ļ |
| 05/13/08 | | 8,907,573 | 0 | | 9.2 | 0.69 | | 28,487 | 8.8 | 1.00 | 71,555 | 9.0 | (|
| 05/19/08 | | 8,920,045 | | | I | | | 32,756 | l | | 79,328 | | ļ |
| 05/20/08 | | 8,920,045 | 0 | | 9.1 | 0.74 | | 33,225 | 8.8 | 0.96 | 80,376 | 8.9 | C |
| 05/26/08 | | 8,929,582 | 9,537 | Мау | ļ | ļ | | 36,557 | | ļ | 85,277 | | |
| 05/27/08 | | 8,929,582 | 0 | 66,866 | 9.0 | 0.60 | | 37,025 | 8.9 | 1.04 | 85,979 | 8.9 | C |

| | | | OUTF/ | ALL 001 | | | | Ma | nhole | #1 | Ма | nhole | #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|-------------|---|---|------------------|-------|---|--|-------|---|
| Data Astro-1 | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | | 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 1 | Reading | | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallong) | pH | Hexavalent Chromium Hach Test Kit (mg/L) |
| Date Actual | interpolation | , e , | Ű | (galions) | рН | 4.5 mg/∟j | mg/L] | (gallons) | рН | Kit (mg/L) | (gallons) | рп | Kit (mg/L) |
| 06/02/08 | | 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 | 90,901 | 9.0 | 0.5 |
| 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 | 0.3 |
| 06/11/08 | | 8,960,258 | 9,180 | | | | | 45,176 | | | 112,396 | | |
| 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 | 0.3 |
| 06/18/08 | | 9,007,718 | 7,905 | | | | | 54,790 | | | 146,825 | | |
| 06/23/08 | | 9,016,923 | 9,205 | | | | | 57,605 | | | 153,557 | | |
| 06/24/08 | | 9,016,923 | 0 | | 9.3 | 0.20 | | 58,074 | 9.1 | 2.50 | 154,613 | 9.0 | 0.1 |
| 06/30/08 | | 9,026,850 | 9,927 | June | | | | 61,392 | | | 160,227 | | |
| 06/30/08 | | 9,026,850 | 0 | 91,466 | | | | 61,392 | | | 160,573 | | |
| | 07/01/08 | 9,026,850 | | | | | | | | | | | |
| 07/01/08 | | 9,026,850 | 0 | | 9.3 | 1.4 | 1.290 | 61,861 | 9.0 | 2.45 | 161,266 | 9.1 | 0.5 |
| 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 | 1.0 |
| 07/10/08 | | 9,041,071 | 5,119 | | | | | 66,138 | | | 170,315 | | |
| 07/14/08 | | 9,054,932 | 13,861 | | | | | 68,973 | | | 182,057 | | |
| 07/15/08 | | 9,054,932 | 0 | | 9.4 | 0.82 | | 69,444 | 9.0 | 1.80 | 184,517 | 9.2 | 0.5 |
| 07/21/08 | | 9,083,663 | 28,731 | | | | | 74,198 | | | 206,929 | | |
| 07/22/08 | | 9,083,663 | 0 | | 9.4 | 0.74 | | 75,898 | 9.2 | 2.52 | 211,453 | 9.2 | 0.3 |
| 07/25/08 | | 9,114,297 | 30,634 | | | | | 81,242 | | | 230,374 | | |
| 07/28/08 | | 9,121,075 | 6,778 | | | | | 83,136 | | | 235,668 | | |
| 07/29/08 | | 9,121,075 | 0 | | 7.4 | 0.70 | | 83,609 | 7.2 | 3.30 | 237,073 | 7.2 | 0.3 |
| 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 | 0.4 |
| 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 | | | | | 91,732 | | | 262,298 | | |
| 08/12/08 | | 9,154,723 | 0 | | 7.5 | 1.2 | | 92,206 | 7.2 | 2.45 | 263,337 | 7.3 | 0.2 |
| 08/13/08 | | 9,157,388 | 2,665 | | | | | 92,710 | | | 264,058 | | |
| 08/18/08 | | 9,162,704 | 5,316 | | | 0.00 | | 94,604 | = 0 | | 267,897 | | |
| 08/19/08 | | 9,162,704 | 0 | | 7.5 | 0.98 | | 95,077 | 7.2 | 2.08 | 268,595 | 7.2 | 0.2 |
| 08/19/08 | | 9,163,932 | 1,228 | | | | | 95,106 | | | 268,623 270.020 | | |
| 08/21/08 08/24/08 | | 9,166,109 | 2,177 | | | | | 96,049 | | | | | |
| 08/24/08 | ├ | 9,168,274 9,168,274 | 2,165 | August | 7.5 | 1.1 | | 96,993 97,465 | 7.1 | 2.25 | 271,417 272,112 | 7.1 | 0.2 |
| 00/20/08 | 09/01/08 | 9,168,274 | 0 | 45,593 | с. 1 | 1.1 | | 97,405 | 1.1 | 2.25 | 212,112 | 1.1 | 0.2 |
| 09/01/08 | 09/01/08 | 9,173,323 | 5,312 | 40,090 | | | | 99,390 | | | 274,587 | | |
| 09/01/08 | | 9,173,586 | | | 7.6 | 1.4 | 1.290 | 99,390 | 7.3 | 2.50 | 274,587 | 73 | 0.2 |
| 09/02/08 | | 9,173,586 9,174,445 | ÷ | | 0.1 | 1.4 | 1.290 | 99,863 | 1.3 | 2.50 | 274,936 | 1.3 | 0.2 |
| 09/02/08 | ├ | 9,174,445 | | | | | | 99,894 | | | 274,962 | | <u> </u> |
| 09/08/08 | ├ | 9,176,960 | | | 7.5 | 1.3 | | 100,837 | 7.2 | 2.25 | 276,718 | 7.3 | 0.1 |
| 09/08/08 | | 9,176,960 | | | <i>c.</i> 1 | 1.3 | | 101,310 | 1.2 | 2.25 | 277,071 | 1.3 | 0.1 |
| 09/15/08 | | 9,182,218 | | | 76 | 1.3 | | 103,257 | 7.3 | 2.60 | | 76 | 0.3 |
| | | | | | 7.6 | 1.3 | | | 1.3 | 2.00 | 280,611 | 7.6 | 0.3 |
| 09/18/08 | | 9,185,245 | 3,027 | | | | | 104,715 | | | 281,689 | | |
| 09/22/08 | | 9,187,538 | | | 75 | 10 | | 105,663 | 7.0 | 0.07 | 283,095 | 7 - | |
| 09/23/08 | | 9,187,538 | | | 7.5 | 1.6 | | 106,137 | 7.3 | 3.05 | 283,475 | 7.5 | 0.1 |
| 09/28/08 | | 9,191,553 | 4,015 | September | 7.0 | 1.0 | | 107,560 | 7 4 | 0.70 | 285,589 | 74 | 0.4 |
| 09/30/08 | 10/01/08 | 9,191,553 <i>9,192,8</i> 67 | 0 | September 19,545 | 7.6 | 1.8 | | 108,035 | 7.4 | 3.70 | 285,942 | 7.4 | 0.1 |

| | | | OUTFA | ALL 001 | | | | Ma | nhole | #1 | Ма | nhole | #2 |
|----------------------|--------------------|---------------------------------|--|----------------------|-----|--|---|---------------------------------|-------|-------------------------------------|---------------------------------|-------|-------------------------------------|
| | | | | | | Hexavalent Chromium | Total Chromium Lab | | | | | | |
| | Date For Linear | Metered Discharge Reading | Gallons Discharged Between Meter | Monthly Discharge | | Lab Analysis (mg/L) [Local Limit | Analysis ¹ (mg/L) [Local Limit 7.0 | Flow Totalizer #1 Reading | | Hexavalent Chromium Hach Test | Flow Totalizer #2 Reading | | Hexavalent Chromium Hach Test |
| Date Actual | Interpolation | (gallons) | Reading | (gallons) | рН | 4.5 mg/L] | mg/L] | (gallons) | рН | Kit (mg/L) | (gallons) | рН | Kit (mg/L) |
| 10/05/08 | | 9,195,280 | 3,727 | | | | | 109,500 | | | 287,383 | | |
| 10/07/08 | | 9,195,280 | 0 | | 7.7 | 2.2 | 2.000 | 109,975 | 7.4 | 4.38 | 288,093 | 7.8 | 0.12 |
| 10/07/08 | | 9,196,521 | 1,241 | | | | | 110,012 | | | 288,124 | | |
| 10/10/08 | | 9,200,017 | 3,496 | | | | | 110,965 | | | 290,943 | | |
| 10/12/08 | | 9,200,017 | 0 | | | | | 111,919 | | | 291,644 | | |
| 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 | | | | | 116,279 | | | 297,676 | | |
| 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 | | 9,217,467 | 2,088 | | | | | 118,732 | | | 301,305 | | |
| 11/07/08 | | 9,219,330 | 1,863 | | | | | 119,685 | | | 302,376 | | |
| 11/10/08 | | 9,220,422 | 1,092 | | | | | 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 | 40/04/00 | 9,234,926 | 1,462 | November | | | | 126,192 | | | 312,744 | | |
| 40/00/00 | 12/01/08 | 9,234,926 | | 19,988 | | 0.0 | 0.400 | 107.050 | 7.0 | 0.57 | 011.110 | 0.0 | 0.40 |
| 12/02/08 12/12/08 | | 9,234,926 | 0 7,744 | | 8.2 | 2.3 | 2.190 | 127,656 130,122 | 7.8 | 3.57 | 314,118 316,912 | 8.3 | 0.18 |
| 12/12/08 | | 9,242,670 9,247,587 | 4,917 | December | | | | 130,122 | | | 316,912 | | |
| 12/17/06 | 01/01/09 | 9,247,387 | 4,917 | 31,304 | | | | 131,303 | | | 320,808 | | |
| 01/02/09 | 01/01/09 | 9,268,140 | 20,553 | 31,304 | | | | 136,435 | | | 338,229 | | |
| 01/02/09 | | 9,268,140 | 20,333 | | 7.8 | 2.5 | 2.430 | 130,433 | 7.7 | 4.48 | 341,351 | 7.8 | 1.05 |
| 01/12/09 | | 9,200,140 | 9,279 | January | 7.0 | 2.5 | 2.430 | 139,384 | 1.1 | 4.40 | 344,897 | 7.0 | 1.03 |
| 01/12/09 | 02/01/09 | 9,287,182 | 3,219 | 20,952 | | | | 155,504 | | | 344,097 | | |
| 02/01/09 | 02/01/03 | 9,287,326 | 9,907 | 20,002 | | | | 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 | | | | -, - | | | | 1 | |
| 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 | | 9,355,734 | 20,485 | | | | | 156,519 | | | 412,282 | | |
| 03/30/09 | | 9,463,572 | 107,838 | | | | | 182,357 | | | 500,471 | | |
| 03/31/09 | | 9,463,572 | 0 | March | | | | 183,323 | | | 501,935 | | |
| | 04/01/09 | 9,467,680 | | 133,348 | | | | | | | | | |
| 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 | | 9,498,358 | 12,816 | | | | | 194,432 | | | 525,799 | | |
| 04/14/09 | | 9,498,358 | 0 | | 7.7 | 0.59 | | 194,908 | 8.0 | 1.20 | 525,799 | 8.2 | 0.27 |
| 04/20/09 | | 9,507,740 | 9,382 | | | | | 198,262 | | | 532,295 | | |
| 04/21/09 | | 9,507,740 | | | 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 |

| | | | OUTFA | ALL 001 | | | | Mai | nhole | #1 | Ма | nhole | #2 |
|----------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|----------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | pH | 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) | pН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 05/01/09 | 9,568,209 | Ŭ | April | | | 01 | , | • | , | , | | , |
| 05/01/09 | 00/01/00 | 9,574,025 | 28,722 | 100,528 | | | - | 217,567 | | | 582,471 | | |
| 05/04/09 | | 9,582,624 | 8,599 | | | | | 220,929 | | | 588,270 | | |
| 05/05/09 | | 9,582,624 | 0 | | 7.6 | 0.76 | 0.724 | 221,884 | 8.0 | 1.29 | 589,714 | 8.0 | 0.3 |
| 05/11/09 | | 9,599,171 | 16,547 | | | | | 227,170 | | | 599,566 | | |
| 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 | 0 | | 7.4 | 0.79 | | 233,874 | 7.0 | 0.84 | 610,378 | 7.2 | 0.3 |
| 05/19/09 | | 9,615,798 | 2,078 | | | | | 233,908 | | | 610,421 | | |
| 05/19/09 | | 9,616,122 | 324 | | | | | 233,908 | | | 610,775 | | |
| 05/25/09 | | 9,624,219 | 8,097 | | | | | 237,697 | | | 615,786 | | |
| 05/26/09 | | 9,624,219 | 0 | | 7.3 | 0.58 | | 238,168 | 7.1 | 1.08 | 616,149 | 7.0 | 0.1 |
| | 06/01/09 | 9,650,519 | | May | | | | | | | | | |
| 06/01/09 | | 9,652,323 | 28,104 | 82,310 | | 0.55 | | 245,914 | | | 637,378 | | |
| 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 | 5,781 | | | | | 248,350 | | | 641,072 | | |
| 06/15/09 | 07/04/00 | 9,701,735 | 43,631 | | | | | 261,249 | | | 674,466 | | |
| 07/01/00 | 07/01/09 | 9,727,520 | 20.240 | June | | | | 272.082 | | | 001.01.1 | | |
| 07/01/09 | | 9,727,975 | 26,240 | 77,001 | | | | , | | | 691,914 | | |
| 07/05/09 | | 9,732,032 9,732,032 | 4,057 | | 7.4 | 0.96 | 0.878 | 273,967 274,443 | 7.1 | 2.20 | 694,431 695,508 | 7.1 | 0.2 |
| 07/20/09 | | 9,732,032 | 10,257 | | 7.4 | 0.90 | 0.076 | 274,443 | 7.1 | 2.20 | 700.527 | 7.1 | 0.2 |
| 01/20/09 | 08/01/09 | 9,742,209 | 10,237 | July | | 1 | | 270,743 | | | 700,327 | | |
| 08/03/09 | 00/01/03 | 9,749,397 | 7,108 | 20,712 | | | | 282,543 | | | 704,414 | | |
| 08/04/09 | | 9,749,397 | 0 | 20,112 | 7.5 | 1.9 | 1.680 | 283,019 | 7.1 | 2.80 | 704,768 | 7.3 | 0.14 |
| 08/08/09 | | 9,752,139 | 2,742 | | 1.0 | | 11000 | 284,005 | | 2.00 | 706,115 | | 011 |
| 08/08/09 | | 9,753,763 | 1,624 | | | | | 284,480 | | | 707,282 | | |
| 08/09/09 | | 9,757,508 | 3,745 | | | | | 284,962 | | | 710,677 | | |
| 08/10/09 | | 9,761,572 | 4,064 | | | | | 285,930 | | | 714,131 | | |
| 08/10/09 | | 9,762,328 | 756 | | | | | 286,411 | | | 714,491 | | |
| 08/12/09 | | 9,765,851 | 3,523 | | | | | 287,368 | | | 717,355 | | |
| 08/13/09 | | 9,767,253 | 1,402 | | | | | 287,846 | | | 718,430 | | |
| 08/17/09 | | 9,771,256 | 4,003 | | | | | 289,758 | | | 720,916 | | |
| 08/30/09 | | 9,785,737 | 14,481 | | | | | 295,976 | | | 730,538 | | |
| | 09/01/09 | 9,787,043 | | August | | | | | - | | | | |
| 09/01/09 | | 9,787,352 | 1,615 | 38,811 | 7.6 | 1.6 | 1.320 | 296,492 | 7.1 | 2.85 | 731,650 | 7.4 | 0.5 |
| 09/10/09 | | 9,794,060 | 6,708 | | | | | 299,850 | | | 735,572 | | |
| 09/21/09 | | 9,800,194 | 6,134 | | | | | 303,204 | | | 738,803 | | |
| 09/22/09 | | 9,800,194 | 0 | | | | | 303,684 | | | 739,163 | | |
| | 10/01/09 | 9,806,949 | | September | | - | | | | | | | |
| 10/01/09 | | 9,807,491 | 7,297 | 19,906 | | | | 306,569 | | | 743,395 | | |
| 10/05/09 | | 9,811,856 | 4,365 | | 6.0 | 10 | 4 700 | 308,500 | ~ ~ ~ | 0.40 | 746,224 | 74 | 0.5 |
| 10/06/09 | | 9,811,856 | | | 6.9 | 1.8 | 1.700 | 308,983 | 6.8 | 2.48 | 746,576 | 7.1 | 0.5 |
| 10/15/09 10/18/09 | | 9,827,819 | | | | | | 314,838 | | | 757,329 | | |
| 10/18/09 | 11/01/09 | 9,830,464 9,871,202 | 2,645 | October | | | | 316,288 | | | 758,757 | <u> </u> | |
| 11/02/09 | 11/01/09 | 9,871,202 | 44,642 | 64,253 | | | | 329,981 | | | 793,417 | | |
| 11/02/09 | | 9,875,106 | 44,642 | 04,200 | 7.4 | 1.2 | 1.150 | 329,981 | 7.0 | 2.60 | 793,417 795,595 | 7.2 | 0.4 |
| 11/03/09 | | 9,875,100 | 5,445 | | 7.4 | 1.2 | 1.130 | 331,974 | 1.0 | 2.00 | 795,595 | 1.2 | 0.4 |
| 11/04/09 | | 9,882,809 | 2,258 | | | | | 332,950 | | | 797,084 | <u> </u> | |
| 11/11/09 | | 9,802,809 | 8,903 | | | | | 332,950 | | | 803,889 | | |
| 11/12/09 | | 9,893,927 | 2,215 | | | | | 338,274 | | | 805,324 | - | |
| 11/16/09 | | 9,896,880 | 2,953 | | | 1 | | 339,720 | | | 807,132 | | |
| 11/17/09 | | 9,897,695 | | | | 1 | | 340,200 | | | 807,495 | | |
| 11/20/09 | | 9,899,892 | 2,197 | - | | 1 | | 341,164 | | - | 808,946 | 1 | |
| 11/30/09 | | 9,914,595 | 14,703 | | | 1 | | 346,476 | | | 819,664 | | İ |

| | | | OUTFA | ALL 001 | | | | Ma | nhole | #1 | Ма | nhole | #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) |
| | 12/01/09 | 9,914,595 | U U | November | P | 0.1 | 0 1 | | | , | , | • | , |
| 12/01/09 | 12/01/00 | 9,914,595 | 0 | | 7.6 | 1.7 | 1.500 | 347,446 | 7.3 | 2.25 | 820,740 | 7.8 | 0.6 |
| 12/15/09 | | 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 | | 9,969,979 | 9,909 | | | | | 365,847 | | | 860,488 | | |
| 01/18/10 | | 9,972,503 | 2,524 | | | | | 366,807 | | | 862,304 | | |
| 01/31/10 | | 9,991,034 | 18,531 | | | | | 370,664 | | | 878,832 | | |
| | 02/01/10 | 9,991,034 | | January | | | | | | | | | |
| 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 | 3,358 | ļ | | | | 371,664 | | | 881,364 | | |
| 02/16/10 | | 10,002,996 | 8,604 | ļ | | | | 374,543 | | | 887,937 | | |
| 02/28/10 | | 10,009,542 | 6,546 | | | | | 376,928 | | | 892,655 | | |
| | 03/01/10 | 10,009,542 | - | February | | | | | | | | | |
| 03/02/10 | | 10,009,542 | 0 | 18,508 | 7.6 | 1.6 | 1.340 | 376,928 | 7.4 | 2.70 | 893,732 | 7.4 | 1.4 |
| 03/06/10 | | 10,015,341 | 5,799 | | | | | 377,919 | | | 898,085 | | |
| 03/13/10 | | 10,048,616 | | | | | | 383,764 | | | 927,938 | | |
| 03/17/10 03/23/10 | | 10,065,891 | 17,275 11,710 | | | | | 388,140 392,478 | | | 942,069 950,481 | | |
| 03/23/10 | | 10,077,601 | 10,886 | | | | | 392,478 | | | 950,481 | | |
| 03/31/10 | 04/01/10 | 10,088,487 | 10,886 | March | | | | 390,780 | | | 958,091 | | |
| 04/01/10 | 04/01/10 | 10,088,817 | 330 | 79,183 | | | | 396,786 | | | 958,456 | | |
| 04/04/10 | | 10,000,017 | 3,648 | 73,103 | | | | 398,207 | | | 961,014 | | |
| 04/04/10 | | 10,092,405 | 3,048 | | 7.4 | 1.3 | 1.180 | 399,166 | 7.2 | 2.00 | 962,110 | 7.2 | 0.20 |
| 04/19/10 | | 10,151,166 | - | | 7.4 | 1.5 | 1.100 | 416,846 | 1.2 | 2.00 | 1,005,028 | 1.2 | 0.20 |
| 04/10/10 | 05/01/10 | 10,189,439 | 00,101 | April | | | | 410,040 | | | 1,000,020 | | |
| 05/03/10 | 00/01/10 | 10,196,869 | 45,703 | 100,715 | | | | 432,284 | | | 1,038,553 | | |
| 05/04/10 | | 10,196,869 | 0 | , | 7.3 | 0.98 | 0.902 | 433,730 | 7.1 | 1.12 | 1,040,370 | 7.2 | 0.3 |
| 05/17/10 | | 10,258,463 | 61,594 | | | | | 453,256 | | | 1,083,344 | | |
| 06/01/10 | | 10,294,510 | | | | | | 466,168 | | | 1,109,480 | | |
| | 06/01/10 | 10,294,510 | | May | | | | | | | | | |
| 06/01/10 | | 10,294,510 | 0 | | 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 | | 10,400,889 | 549 | | | | | 496,193 | | | 1,194,286 | | |
| | 07/01/10 | 10,401,954 | | June | | | | | | | | | |
| 07/01/10 | | 10,402,536 | 1,647 | 107,444 | | | | 496,664 | | | 1,195,375 | | |
| 07/05/10 | | 10,409,431 | 6,895 | | ļ | | | 499,493 | | | 1,200,058 | | |
| 07/06/10 | | 10,409,431 | 0 | | 7.3 | 1.1 | 0.988 | 499,963 | 7.3 | 1.92 | 1,200,783 | 7.5 | 0.4 |
| 07/12/10 | | 10,426,614 | | | | | | 504,247 | l | | 1,213,873 | | |
| 07/21/10 | | 10,506,902 | | | | | | 525,545 | | | 1,275,358 | | |
| 07/22/10 | | 10,515,567 | 8,665 | ļ | | | | 527,488 | | | 1,282,668 | | |
| 07/23/10 | | 10,532,459 | 16,892 | | | | | 531,679 | | | 1,283,332 | | |
| 00/00/11 | 08/01/10 | 10,586,662 | | July | | | | F 10 10- | | | 4 000 007 | | |
| 08/02/10 | | 10,594,781 | 62,322 | 184,709 | 7.0 | 0.51 | 0.515 | 549,129 | | | 1,283,332 | | |
| 08/03/10 | | 10,594,781 | 0 | | 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 | | | | | | 550,588 | | | 1,283,332 | | |
| 08/04/10 | | 10,599,046 | | | | | | 550,588 | | | 1,283,358 | | |
| 08/04/10 | | 10,599,046 | | | | | | 550,588 | | | 1,283,358 | | |
| 08/05/10 | | 10,600,937 | | | | | | 551,531 | | | 1,284,413 | | |
| 08/06/10 08/07/10 | | 10,602,372 | | | | | | 552,002 | | | 1,285,481 | | |
| 08/07/10 | | 10,604,242 | | | | | | 552,943 558,442 | | | 1,286,560 1,299,650 | | |
| 00/12/10 | | 10,621,705 | 22,617 | | | | | 565,095 | I | | 1,299,650 | | |

| | | | OUTF | ALL 001 | | | | Ma | nhole | #1 | Ма | nhole | #2 |
|-------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|----------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | pH | 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) | pH | Hexavalent Chromium Hach Test Kit (mg/L) |
| 2 die 7 lettaa | 09/01/10 | 10,664,511 | j | August | p | 5.1 | 51 | (3) | | | (3****) | | |
| 09/06/10 | 00/01/10 | 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 | | 10,675,348 | 331 | | | | | 576,846 | | | 1,339,184 | | |
| 09/15/10 | | 10,681,923 | 6,575 | | | | | 579,656 | | | 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 | | 53,291 | | | | 590,497 | ļ | | 1,371,651 | | |
| 10/03/10 | | 10,721,339 | 2,965 | | | | | 591,909 | | | 1,373,451 | | |
| 10/05/10 | | 10,721,339 | 0 | | 7.6 | 0.80 | 0.763 | 592,849 | 7.3 | 1.32 | 1,374,902 | 7.5 | 0.10 |
| 10/15/10 | | 10,733,086 | 11,747 | | | | | 597,097 | | | 1,380,767 | | |
| 10/17/10 | | 10,734,957 | 1,871 | | | | | 598,030 605,549 | | | 1,381,848 | | |
| 10/31/10 | 44/04/40 | 10,760,102 | 25,145 | 0-1-1 | | | | 605,549 | | | 1,401,547 | | |
| 11/02/10 | 11/01/10 | 10,760,102 | 0 | October 42,299 | 7.8 | 0.65 | 0.639 | 606,486 | 7.6 | 1.44 | 1,403,369 | 7.9 | 0.20 |
| 11/02/10 | | 10,760,102 | 13,192 | 42,299 | 7.0 | 0.00 | 0.639 | 611,203 | 7.0 | 1.44 | 1,403,369 | 7.9 | 0.20 |
| 11/14/10 | | 10,775,484 | 2,190 | | | | | 612,137 | | | 1,410,005 | | |
| 11/17/10 | | 10,778,424 | 2,190 | | | | | 613,539 | | | 1,413,301 | | |
| 11/28/10 | | 10,790,717 | 12,293 | | | | | 618,231 | | | 1,413,301 | | |
| 11/20/10 | 12/01/10 | 10,794,632 | 12,200 | November | | | | 010,201 | | | 1,422,421 | | |
| 12/04/10 | 12/01/10 | 10,800,013 | 9,296 | 34,530 | | | | 622,006 | | | 1,428,648 | | |
| 12/07/10 | | 10,800,013 | | 0 1,000 | 7.6 | 1.0 | 0.989 | 623,423 | 7.8 | 1.80 | 1,430,482 | 7.9 | 0.24 |
| 12/15/10 | | 10,811,058 | 11,045 | | 7.0 | 1.0 | 0.000 | 627,228 | 7.0 | 1.00 | 1,435,313 | 7.0 | 0.2-1 |
| 12/20/10 | | 10,814,659 | 3,601 | | | | | 628,621 | | | 1,437,887 | | |
| 12/23/10 | | 10,816,825 | 2,166 | | | | | 629,558 | | | 1,439,358 | | |
| | 01/01/11 | 10,827,569 | , | December | | | | , | | | ,, | | |
| 01/02/11 | | 10,829,348 | 12,523 | 32,938 | | | | 632,850 | | | 1,449,967 | | |
| 01/04/11 | | 10,829,348 | 0 | | 8.0 | 1.6 | 1.500 | 633,803 | 7.9 | 5.31 | 1,452,901 | 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 | | |
| | 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 | | | | | | 641,426 | | | 1,469,273 | | |
| 02/14/11 | | 10,859,963 | 5,064 | | | | | 643,318 | | | 1,472,988 | | |
| 02/21/11 | | 10,876,100 | | | | | | 646,167 | | | 1,488,233 | | |
| 02/21/11 | | 10,876,705 | 605 | | | | | 646,167 | | | 1,488,978 | | |
| 02/24/11 02/27/11 | | 10,880,277 10,883,601 | 3,572 3,324 | | | | | 647,105 648,128 | | | 1,491,974 1,494,713 | | |
| 02/27/11 | 03/01/11 | 10,883,601 | | February | | | | 048,128 | | | 1,494,713 | | |
| 03/01/11 | 03/01/11 | 10,883,601 | 0 | | 7.8 | 1.8 | 1.530 | 648,594 | 7.7 | 4.95 | 1,496,572 | 7.8 | 0.52 |
| 03/21/11 | | 10,883,601 | | 50,204 | 1.0 | 1.0 | 1.000 | 664,834 | 1.1 | 4.90 | 1,490,572 | 1.0 | 0.02 |
| 00/21/11 | 04/01/11 | 11,023,291 | 7,001 | March | | | | | | | 1,000,007 | | |
| 04/04/11 | 0-101/11 | 11,045,838 | 88,236 | 139,690 | | | | 687.442 | | | 1,632,177 | <u> </u> | |
| 04/05/11 | | 11,045,838 | | , | 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 | | 1 | - | - | | 710,138 | | | 1,708,997 | | |
| 04/26/11 | | 11,216,566 | | | | | | 731,830 | | | 1,771,918 | 1 | |
| 04/29/11 | | 11,258,391 | 41,825 | | | | | 743,289 | | | 1,804,105 | 1 | |
| 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 | | 250,878 | | | | 750,559 | | | 1,818,009 | | |
| 05/03/11 | | 11,277,586 | | | 7.8 | 0.37 | 0.338 | 751,514 | 7.6 | 0.68 | 1,819,601 | 7.8 | 0.20 |
| 05/16/11 | | 11,310,055 | | | | | | 763,336 | | | 1,841,085 | | |
| 05/17/11 | | 11,311,520 | 1,465 | | | | | 763,807 | | | 1,842,263 | | |

| | | | OUTFA | ALL 001 | | | | Ma | nhole | #1 | Ма | nhole | #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) | pН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 06/01/11 | 11,344,383 | | May | | | | , | | , | | - | , |
| 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 | | | | | 781,832 | | | 1,872,152 | | |
| 06/07/11 | | 11,354,057 | 0 | | 7.7 | 0.46 | 0.447 | 782,305 | 7.6 | 0.85 | 1,872,545 | 7.7 | 0.1 |
| 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 | 0.1 |
| 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 | | | | 830,795 | | | 1,968,801 | | |
| 08/02/11 | | 11,484,004 | 0 | | 7.9 | 0.86 | 0.800 | 831,711 | 7.5 | 1.26 | 1,970,342 | 7.5 | 0.4 |
| 08/04/11 | | 11,492,474 | 8,470 | | | | | 834,025 | | | 1,975,014 | ļ | |
| 08/05/11 | | 11,493,370 | 896 | | | | | 834,506 | | | 1,975,820 | | |
| 08/15/11 | | 11,509,618 | 16,248 | | | | | 841,800 | | | 1,986,618 | | |
| 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 | 9,504 | | | | | 852,322 | | | 2,003,014 | | |
| 09/06/11 | | 11,533,935 | 0 | | 8.0 | 1.2 | 1.180 | 852,778 | 7.7 | 1.65 | 2,004,161 | 7.7 | 0.5 |
| 09/08/11 | | 11,538,054 | 4,119 | | | | | 854,174 | | | 2,005,726 | | |
| 09/19/11 | | 11,547,336 | 9,282 | | | | | 859,158 | | | 2,011,134 | | |
| 09/20/11 | | 11,548,416 | 1,080 | | | | | 859,611 | | | 2,011,902 | | |
| 09/28/11 | | 11,562,993 | 14,577 | | | - | | 863,696 | | | 2,024,247 | | |
| 10/00/11 | 10/01/11 | 11,568,104 | 0.440 | September | | | | 007.044 | | | 0.004.400 | | |
| 10/03/11 | | 11,572,412 | 9,419 | 43,925 | | | | 867,344 | | | 2,031,123 | | |
| 10/04/11 | | 11,574,566 | 2,154 | | | | | 868,253 | | | 2,032,650 | | |
| 10/05/11 | | 11,574,566 | 0 | | | | | 868,707 | | | 2,033,029 | | |
| 10/06/11 | | 11,574,566 | 0 | | | | | 869,161 | | | 2,033,785 | | |
| 10/08/11 | | 11,579,097 | 4,531 | | 75 | 10 | 1.000 | 870,519 | 7 4 | 0.45 | 2,036,082 | 7 5 | |
| 10/10/11 10/26/11 | | 11,579,097 11,603,315 | 0 24,218 | | 7.5 | 1.2 | 1.090 | 870,972 879,056 | 7.4 | 2.15 | 2,036,082 2,054,141 | 7.5 | 0.2 |
| 10/26/11 | - | 11,606,358 | 3,043 | | | | - | 879,056 | | | 2,054,141 | | |
| 10/30/11 | 11/01/11 | 11,607,509 | 3,043 | October | | | Pounds Cr | 000,410 | | | 2,055,759 | | |
| 11/01/11 | 11/01/11 | 11,608,102 | 1,744 | 39,405 | | | 0.358 | 881,323 | | | 2,055,759 | | |
| 11/02/11 | | 11,608,233 | 131 | 55,705 | | | 0.000 | 881,362 | | | 2,055,792 | 1 | 1 |
| 11/02/11 | | 11,608,233 | .31 | | 8.2 | 1.3 | 1.220 | 881,378 | 8.1 | 2.46 | 2,055,818 | 8.0 | 0.0 |
| 11/05/11 | | 11,611,395 | 3,162 | | 0.2 | | | 882,340 | 0.1 | 2.40 | 2,059,467 | 0.0 | 0.0 |
| 11/06/11 | | 11.614.756 | 3,361 | | | 1 | | 883.608 | | | 2,053,407 | | |
| 11/07/11 | | 11,616,924 | 2,168 | | | 1 | | 883,718 | | | 2,063,343 | | |
| 11/08/11 | | 11,618,636 | 1,712 | | | 1 | | 884,345 | | | 2,065,014 | | |
| 11/12/11 | | 11,651,616 | 32,980 | | | 1 | | 890,384 | | | 2,094,235 | | |
| 11/15/11 | | 11,662,529 | 10,913 | | | İ | | 894,135 | | | 2,102,462 | 1 | |
| 11/23/11 | | 11,677,899 | 15,370 | - | | 1 | | 900,936 | | - | 2,112,833 | 1 | 1 |
| 11/29/11 | | 11,687,640 | 9,741 | - | | 1 | Pounds Cr | 905,028 | | - | 2,119,690 | 1 | 1 |
| | 12/01/11 | 11,689,609 | | November | | | 0.834 | , | | - | , | | 1 |
| 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 | 0.7 |
| 12/06/11 | | 11,706,691 | 19,051 | . , | | | | 910,893 | | | 2,134,888 | | 5 |
| 12/15/11 | | 11,724,224 | 17,533 | | | 1 | | 918,198 | | | 2,147,141 | | |
| 12/26/11 | | 11,737,368 | 13,144 | | | 1 | | 924,102 | | | 2,155,863 | | |
| 12/31/11 | | 11,742,107 | 4,739 | | | 1 | | 926,371 | | | 2,158,911 | | 1 |

| | | | OUTF | ALL 001 | | | | Ma | nhole | #1 | Ма | nhole | #2 |
|-------------|-------------------------------------|--|---|----------------------|-----|---|--|--|-------|---|--|-------|---|
| Dete Astro- | Date For Linear Interpolation | Metered Discharge Reading (qallons) | Gallons Discharged Between Meter Reading | Monthly Discharge | | 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) | рH | Hexavalent Chromium Hach Test Kit (mg/L) |
| Date Actual | | (0) | Reading | (gallons) | рН | 4.5 mg/∟j | | (galions) | рп | Kit (mg/L) | (gallons) | рп | Kit (mg/L) |
| | 01/01/12 | 11,742,204 | | December | | | Pounds Cr | | | | | | |
| 01/04/12 | | 11,744,667 | 2,560 | 52,595 | | | 0.745 | 927,731 | | | 2,158,911 | | |
| 01/05/12 | | 11,744,667 | 0 | | 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 | | | | | 932,303 | | | 2,166,977 | | |
| 01/27/12 | | 11,758,987 | 4,368 | | | | Davida On | 934,572 | | | 2,169,652 | | |
| 01/31/12 | 00/04/40 | 11,761,124 | 2,137 | | | | Pounds Cr | 935,480 | | | 2,171,180 | | |
| 00/00/40 | 02/01/12 | 11,761,228 | | January | 7.4 | 0.4 | 0.137 | 000.404 | | 0.50 | 0.470.007 | | |
| 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 | | | | Deum-t- O | 942,642 | | | 2,184,964 | | |
| 02/28/12 | 00/04/40 | 11,782,379 | 18,793 | Fabrican | | | Pounds Cr | 943,547 | | | 2,186,478 | | |
| 00/04/40 | 03/01/12 | 11,783,379 | 0 | February | 74 | | 0.329 | 044.000 | 7.0 | 0.45 | 0 400 470 | 7.0 | |
| 03/01/12 | | 11,782,379 | ů | 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 | | | | | 956,400 | | | 2,221,364 | | |
| 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 | 05/04/40 | 11,906,449 | 9,550 | | | | | 986,147 | | | 2,282,902 | | |
| 05/00/40 | 05/01/12 | 11,923,538 | 0.4.400 | April | | | Pounds Cr | | | | 0.000.050 | | |
| 05/02/12 | | 11,930,935 | 24,486 | 58,515 | | | 0.356 | 996,194 | | | 2,300,258 | | |
| 05/03/12 | | 11,933,848 | 2,913 | | | | | 997,107 | | | 2,302,572 | | |
| 05/09/12 | | 11,989,964 | 56,116 | | | | | 1,010,822 | | | 2,349,979 | | |
| 05/14/12 | | 12,005,061 | 15,097 | | 0.5 | 0.07 | 0.504 | 1,016,338 | 7.4 | 0.00 | 2,361,277 | 7.0 | 0.45 |
| 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 | | | | | | 1,022,007 | | | 2,370,141 | | |
| 05/24/12 | | 12,021,249 | 2,679 | | | | | 1,023,245 | | | 2,372,066 | | |
| 05/31/12 | 00/04/40 | 12,028,808 | 7,559 | M | | | Davida On | 1,027,317 | | | 2,378,556 | | |
| 00/00/40 | 06/01/12 | 12,029,342 | 0.400 | May | | | Pounds Cr | 4 007 047 | | | 0.070.550 | | |
| 06/02/12 | | 12,030,994 | 2,186 | 105,804 | | | 0.512 | 1,027,317 | | | 2,378,556 | | |
| 06/05/12 | | 12,033,617 | 2,623 | | 0.0 | 0.55 | 0.507 | 1,028,676 | 7.4 | 0.00 | 2,380,101 | | 0.4 |
| 06/07/12 | | 12,033,617 | 0 | | 6.8 | 0.55 | 0.507 | 1,029,581 | 7.4 | 0.99 | 2,381,259 | 7.7 | 0.17 |
| 06/19/12 | | 12,046,851 12,056,747 | 13,234 | | | | | 1,034,134 | | | 2,389,253 | | |
| 06/29/12 | 07/01/40 | | 9,896 | luna | | | Pounds Cr | 1,038,653 | | | 2,395,689 | | |
| 07/03/12 | 07/01/12 | 12,057,998 | 1,334 | June | | | Pounds Cr 0.121 | 1 040 000 | | | 2,397,210 | | |
| 07/03/12 | | 12,059,332 | 1,334 | 28,656 | 6.1 | 0.98 | 0.121 | 1,040,009 1,040,913 | 6.2 | 1.24 | 2,397,210 | 6.6 | 0.19 |
| | | 12,059,332 12,064,003 | 1 674 | | 0.1 | 0.96 | 0.906 | | 0.2 | 1.24 | | 6.6 | 0.19 |
| 07/10/12 | | | 4,671 | | | | | 1,042,739 | | | 2,402,552 | | |
| 07/20/12 | | 12,069,263 | 5,260 | | | | Deum-t- O | 1,045,446 | | | 2,402,552 | | |
| 00/01/10 | 08/01/12 | 12,078,083 | 0.000 | July | | | Pounds Cr | 1 040 540 | | | 2 400 504 | | |
| 08/01/12 | | 12,078,359 | | 20,085 | 6.2 | 1.00 | 0.152 | 1,049,510 | ~ ~ ~ | 4 70 | 2,408,561 | 6.0 | 0.57 |
| 08/02/12 | | 12,078,359 | | | 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 | 00/04/110 | 12,098,108 | 15,598 | Au | | | Deum-t- O | 1,056,800 | | | 2,423,447 | | |
| 00/04/110 | 09/01/12 | 12,111,167 | 40.004 | August | | | Pounds Cr | 1 000 105 | | | 0.400.000 | | |
| 09/01/12 | | 12,111,772 | | 33,084 | | | 0.309 | 1,063,135 | | | 2,432,088 | | |
| 09/09/12 | | 12,116,611 | 4,839 | | | 4 70 | 4.500 | 1,065,875 | 6.4 | 0.70 | 2,434,745 | 6.0 | 0.04 |
| 09/11/12 | | 12,117,783 | | | | 1.70 | 1.520 | 1,066,747 | 6.4 | 0.72 | 2,435,127 | 6.3 | 0.21 |
| 09/18/12 | | 12,121,226 | | | | | | 1,068,577 | | | 2,437,061 | | |
| 09/26/12 | | 12,125,024 | 3,798 | | 1 | | | 1,070,837 | | l | 2,438,957 | | |

| | | | OUTFA | ALL 001 | | | | Ma | nhole | #1 | Ма | nhole | #2 |
|----------------------|--------------------|---------------------------------|--|----------------------|-----|--|----------------------------|-----------|-------|-------------------------------------|---------------------------------|-------|-------------------------------------|
| | Date For Linear | Metered Discharge Reading | Gallons Discharged Between Meter | Monthly Discharge | | Hexavalent Chromium Lab Analysis (mg/L) [Local Limit | (mg/L) [Local Limit 7.0 | Reading | | Hexavalent Chromium Hach Test | Flow Totalizer #2 Reading | | Hexavalent Chromium Hach Test |
| Date Actual | Interpolation | (gallons) | Reading | (gallons) | рН | 4.5 mg/L] | mg/L] | (gallons) | рН | Kit (mg/L) | (gallons) | рН | Kit (mg/L) |
| | 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 | 2,440,091 | 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 | | |
| | 11/01/12 | 12,191,094 | | October | | | Pounds Cr | | | | | | |
| 11/06/12 | | 12,196,769 | 7,116 | 64,930 | | | 0.741 | 1,096,343 | | | 2,493,654 | | |
| 11/09/12 | | 12,198,437 | 1,668 | | NA | 1.1 | 1.040 | 1,097,450 | NA | 1.34 | 2,494,750 | NA | 0.2 |
| 11/22/12 | | 12,212,741 | 14,304 | | | | | 1,103,179 | | | 2,504,679 | | |
| 11/30/12 | 40/04/15 | 12,218,011 | 5,270 | No | | | David C | 1,106,155 | | | 2,507,598 | | |
| 40/00/40 | 12/01/12 | 12,218,663 | 4 000 | November | | | Pounds Cr | 4 407 000 | | | 0.500.000 | | |
| 12/03/12 | | 12,219,752 | 1,089 | 27,569 | | 4.00 | 0.239 | 1,107,006 | 77 | 1.00 | 2,508,689 | | 0.0 |
| 12/10/12 | | 12,223,289 | 3,537 | | 8.0 | 1.00 | 1.100 | 1,109,121 | 7.7 | 1.60 | 2,510,506 | 8.0 | 0.27 |
| 12/26/12 | | | 11,343 | - | | | | | | | , , | | |
| 12/31/12 | 01/01/13 | 12,239,248 12,239,543 | 4,616 | December | | | Pounds Cr | 1,117,237 | | | 2,520,012 | | |
| 01/01/13 | 01/01/13 | 12,239,943 | 710 | 20,880 | | | 0.191 | 1,117,663 | | | 2,520,377 | | |
| 01/10/13 | | 12,239,930 | 6,632 | 20,000 | | 1.90 | 1.720 | 1,117,003 | 7.7 | 1.68 | 2,520,377 | 8.0 | 1.32 |
| 01/24/13 | | 12,278,928 | 32,338 | | | 1.50 | 1.720 | 1,130,141 | 1.1 | 1.00 | 2,550,847 | 0.0 | 1.02 |
| 01/28/13 | | 12,282,035 | 3,107 | | | | | 1,131,414 | | | 2,553,042 | | |
| 01/31/13 | | 12,287,892 | 5,857 | | | | | 1,132,425 | | | 2,558,715 | | |
| 01/01/10 | 02/01/13 | 12,288,247 | 0,001 | January | | | Pounds Cr | 1,102,120 | | | 2,000,110 | | |
| 02/01/13 | | 12,289,018 | 1,126 | 48,644 | | | 0.697 | 1,132,680 | | | 2,559,456 | | |
| 02/07/13 | | 12,293,874 | 4,856 | , | 7.9 | 0.82 | 0.663 | 1,134,376 | 7.6 | 1.35 | 2,563,137 | 8.0 | 0.22 |
| 02/20/13 | | 12,308,445 | 14,571 | | | | | 1,038,672 | | | 2,575,057 | | |
| 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 | 2,582,395 | 7.8 | 0.2 |
| 03/18/13 | | 12,361,201 | 43,177 | | | | | 1,151,536 | | | 2,619,703 | | |
| 03/20/13 | | 12,365,136 | 3,935 | | | | | 1,153,250 | | | 2,622,317 | | |
| 03/27/13 | | 12,378,442 | 13,306 | | | | | 1,159,233 | | | 2,630,884 | | |
| 03/31/13 | | 12,400,821 | 22,379 | | | | | 1,164,838 | | | 2,649,804 | | |
| | 04/01/13 | 12,403,728 | | March | | | Pounds Cr | | | | | | |
| 04/01/13 | | 12,407,465 | 3,737 | 89,563 | | | 0.562 | 1,165,570 | | | 2,655,346 | L | |
| 04/11/13 | | 12,461,497 | 54,032 | | 7.4 | 0.42 | 0.431 | 1,180,148 | 7.0 | 0.60 | 2,700,747 | 7.4 | 0.14 |
| 04/17/13 | | 12,522,138 | 60,641 | | | | L | 1,196,092 | | ļ | 2,749,790 | | |
| | 05/01/13 | 12,570,545 | | April | | | Pounds Cr | | | | | | |
| 05/01/13 | | | | 166,817 | | 0 | 0.599 | | | 0.00 | 0 70 | 7.0 | |
| 05/01/13 05/19/13 | | 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 | 00/04/40 | 12,623,298 | 51,965 | M | | | Deven de C | 1,235,753 | | | 2,823,953 | | |
| | 06/01/13 | 12,647,282 | | May | | | Pounds Cr | | | | | | |
| 06/06/13 | | 10.057.005 | 04.007 | 76,737 | 7.0 | 0.00 | 0.353 | 1 054 554 | 7 4 | 0.47 | 2.849.502 | 70 | 0.74 |
| | | 12,657,605 | 34,307 | | 7.6 | 0.96 | 0.826 | 1,251,551 | 7.4 | 0.47 | 11 | 7.8 | 0.73 |
| 06/12/13 06/17/13 | | 12,669,485 12,680,642 | 11,880 11,157 | | | | | 1,256,351 | | | 2,857,966 2,867,078 | | |
| 00/17/13 | 07/04/42 | | 11,157 | luna | | | Boundo Cr | 1,259,722 | | | 2,007,078 | | |
| | 07/01/13 | 12,727,950 | | June 80,668 | | | Pounds Cr 0.555 | | | | | | |
| 07/18/13 | | 12,767,116 | 86,474 | 00,000 | 7.4 | 0.73 | 0.694 | 1,286,165 | 6.7 | 0.73 | 2,938,280 | 7.5 | 0.0 |
| 07/18/13 | | 12,780,876 | | - | 7.4 | 0.73 | 0.034 | 1,286,165 | 0.7 | 0.73 | 2,938,280 | 1.0 | 0.07 |

| | | | OUTFA | ALL 001 | | | | Ma | nhole | #1 | Ма | nhole | #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) | pН | 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 | Ū | July | | | Pounds Cr | | | , | | | , |
| | 00/01/10 | 12,101,014 | | 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 | | 1 |
| 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 | 0.1 |
| 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 | | 12,800,434 | 3,139 | - | | | | 1,302,541 | | | 2,958,987 | | |
| | 09/01/13 | 12,803,511 | | August | | | Pounds Cr | | | | | | - |
| 09/01/13 | | 12,803,511 | 6,216 | 21,697 | | | 0.140 | 1,303,580 | | | 2,961,265 | | |
| 09/05/13 | | 12,808,096 | 4,585 | | | | | 1,305,282 | | | 2,964,435 | | |
| 09/09/13 09/11/13 | | 12,811,883 | 8,372 7,070 | | | | | 1,306,947 1,309,139 | | | 2,966,675 2,968,968 | | |
| 09/11/13 | | 12,815,166 12,818,151 | 6,268 | | | | | 1,309,139 | | | 2,968,968 | | |
| 09/14/13 | | 12,810,131 | 7,117 | | 7.3 | 1.3 | 1.170 | 1,310,003 | 7.1 | 0.99 | 2,970,501 | 7.3 | 0.1 |
| 09/30/13 | | 12,833,637 | 11,354 | | | | | 1,317,815 | | 0.00 | 2,980,475 | | 0111 |
| | 10/01/13 | 12,834,025 | , | September | | | Pounds Cr | 1- 1 | | | ,, - | | |
| 10/01/13 | | 12,834,025 | 388 | 30,514 | | | 0.297 | 1,318,244 | | | 2,980,475 | | 1 |
| 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 | 0.1 |
| | 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 | | | | | 1,335,488 | | | 3,012,422 | | |
| 11/13/13 | | 12,903,367 | 26,526 | | 7.8 | 1.00 | 0.920 | 1,345,039 | 8.1 | 0.66 | 3,033,152 | 7.9 | 0.1 |
| 11/20/13 | 10/01/10 | 12,924,566 | 21,199 | Marrisonalian | | | | 1,350,740 | | | 3,051,316 | | |
| 10/00/10 | 12/01/13 | 12,940,971 | 10.000 | November 73,156 | | | Pounds Cr | 1 200 000 | | | 2 002 005 | | |
| 12/02/13 12/10/13 | | 12,944,252 12,954,971 | 19,686 10,719 | 73,130 | 7.6 | 1.4 | 0.560 1.320 | 1,360,688 1,365,411 | 7.4 | 2.70 | 3,063,995 3,071,689 | 7.1 | 0.0 |
| 12/10/13 | | 12,954,971 | 2,440 | | 7.0 | 1.4 | 1.320 | 1,366,744 | 7.4 | 2.70 | 3,071,089 | 7.1 | 0.0 |
| 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 | ., | | | -,, | | 1 |
| 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 | 0.1 |
| 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 | | | 0.111 | 1,380,032 | | | 3,090,789 | | |
| 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 | | 12,993,603 | 6,448 | E.L. | | | | | | | | | |
| 00/04// | 03/01/14 | 12,993,783 | | February | <u> </u> | | Pounds Cr | | | | | | |
| 03/01/14 | | 12,993,909 | | 10,518 | 7.0 | 0.00 | 0.141 | 4 005 000 | | E 00 | 0 440 477 | 0.0 | 0.0 |
| 03/13/14 03/31/14 | | 13,005,882 13,059,539 | 11,973 | | 7.6 | 0.38 | 0.434 | 1,385,639 | 7.7 | 5.80 | 3,112,477 | 8.0 | 0.3 |
| 03/31/14 | 04/01/14 | 13,059,539 | 53,657 | March | | | Pounds Cr | - | | | | <u> </u> | <u> </u> |
| 04/01/14 | 04/01/14 | 13,061,650 | 2,111 | 66,196 | | | 0.239 | 1,399,014 | | | 3,165,447 | - | |
| 04/01/14 | | 13,091,485 | 29,835 | 00,100 | | | 0.200 | 1,411,117 | | | 3,187,701 | | 1 |
| 04/13/14 | | 13,099,571 | 8,086 | | | | | 1,412,822 | | | 3,195,631 | 1 | |
| 04/15/14 | | 13,135,912 | 36,341 | | | | | 1,424,711 | | | 3,224,028 | | |
| 04/18/14 | | 13,165,955 | 30,043 | | 1 | | | 1,434,115 | | | 3,247,300 | 1 | İ |
| 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 | 0.3 |
| | 05/01/14 | 13,211,258 | | April | | | Pounds Cr | | | | | | |
| 05/01/14 | | 13,211,345 | 1,329 | 151,279 | | | 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 | 3,326,392 | 7.4 | 0.2 |
| 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 | | | | | 1,483,692 | | | 3,355,729 | 1 | |

| | | | OUTFA | ALL 001 | | | | Mai | nhole | #1 | Ма | nhole | #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) | pH | Hexavalent Chromium Hach Test Kit (mg/L) |
| Duto / totual | 06/01/14 | 13,332,599 | 3 | May | p | 5.1 | Pounds Cr | (3) 5) | | | (3****) | | |
| 06/02/14 | 00/01/14 | 13,336,115 | 32,047 | 121,341 | | | 0.276 | 1,495,755 | | | 3,382,176 | | |
| 06/12/14 | | 13,372,027 | 35,912 | ,e | 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 | | 13,379,348 | 4,412 | | | | | 1,512,220 | | | 3,415,268 | | |
| 06/19/14 | | 13,394,274 | 14,926 | | | | | 1,514,826 | | | 3,429,626 | | |
| 06/20/14 | | 13,401,646 | 7,372 | | | | | 1,517,014 | | | 3,436,003 | | |
| 06/30/14 | | 13,444,046 | 42,400 | | | | | 1,531,745 | | | 3,470,067 | | |
| | 07/01/14 | 13,445,046 | | June | | | Pounds Cr | 1,532,601 | | | 3,472,302 | | |
| 07/01/14 | | 13,446,138 | 2,092 | 112,447 | | | 0.357 | | | | | | |
| 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.(|
| 07/14/14 | | 13,472,104 | 8,288 | | | | | 1,543,805 | | | 3,492,830 | | |
| 07/28/14 | | 13,480,642 | 8,538 | July | | | 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 | | | | | 1,552,341 | | | 3,502,760 | | |
| 08/13/14 | | 13,495,032 | 13,195 | | 7.9 | 0.681 | 0.72 | 1,557,877 | 7.5 | 1.16 | 3,511,069 | 7.7 | 0.92 |
| 08/17/14 | | 13,502,593 | 7,561 | | | | | 1,560,483 | | | 3,517,406 | | |
| 08/19/14 | | 13,509,446 | 6,853 | | | | | 1,562,278 | - | | 3,523,163 | | |
| 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 | | | | | 1,582,918 | | | 3,564,025 | | |
| 09/17/14 | | 13,579,703 | 16,994 | - | 7.9 | 0.60 | 0.546 | 1,589,348 | 7.6 | 1.16 | 3,577,644 | 7.3 | 0.36 |
| 09/24/14 | | 13,593,114 | 13,411 | September | | | Pounds Cr | 1,595,011 | | | 3,577,644 | | |
| | 10/01/14 | 13,602,541 | | 58,542 | | | 0.27 | 1,600,155 | | | 3,577,644 | | |
| 10/01/14 | | 13,603,009 | 9,895 | | = 0 | 0.07 | 0.500 | 1,600,155 | 7.0 | 1.00 | 3,577,644 | 7.4 | 0.00 |
| 10/16/14 | | 13,633,400 | 30,391 | Ostalian | 7.3 | 0.67 | 0.596 | 1,610,440 | 7.8 | 1.28 | 3,619,044 | 7.4 | 0.3 |
| 10/28/14 | | 13,658,462 | 25,062 | October | | | Pounds Cr | 1,621,724 | | | 3,636,660 | | |
| 11/01/11 | 11/01/14 | 13,662,568 | E 450 | 60,027 | | | 0.298 | 4 604 000 | | | 2 640 404 | | |
| 11/01/14 11/12/14 | | 13,663,621 | 5,159 | - | 8.1 | 1.1 | 0.980 | 1,624,238 1,629,780 | 7.6 | 1.62 | 3,640,194 3,648,121 | 8.1 | 1.08 |
| 11/30/14 | | 13,672,756 13,695,977 | 9,135 23,221 | | 0.1 | 1.1 | 0.960 | 1,640,533 | 7.0 | 1.02 | 3,663,353 | 0.1 | 1.00 |
| 11/30/14 | 12/01/14 | 13,695,977 | 23,221 | November | | | Pounds Cr | 1,040,000 | | | 3,003,303 | | |
| 12/01/14 | 12/01/14 | 13,696,476 | 1,141 | 37,515 | | | 0.306 | 1,640,533 | | 1 | 3,663,353 | | <u> </u> |
| 12/01/14 | | 13,701,386 | 4,268 | 51,515 | | | 0.000 | 1,643,108 | | | 3,666,947 | | |
| 12/04/14 | | 13,701,380 | 4,200 | | | | | 1,645,245 | | | 3,670,118 | - | 1 |
| 12/12/14 | | 13,709,486 | | | 8.1 | 1.5 | 1.320 | 1,646,957 | 7.7 | 2.72 | 3,672,490 | 85 | 0.3 |
| 12/31/14 | | 13,768,265 | | | 0.1 | | | 1,666,522 | | 2.72 | 3,720,581 | 0.0 | 0.0 |
| ,51,14 | 01/01/15 | 13,769,665 | 50,775 | December | | | Pounds Cr | .,000,022 | | - | -,0,001 | 1 | 1 |
| 01/01/15 | 5 | 13,770,654 | 2,389 | 73,249 | | | 0.805 | 1,667,388 | | | 3,722,195 | | 1 |
| 01/12/15 | | 13,785,790 | | | 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 | | - | | | | 1,679,866 | | | 3,742,191 | | 1 |
| | 02/01/15 | 13,798,602 | , | January | | 1 | Pounds Cr | , | | - | | | 1 |
| 02/01/15 | | 13,798,727 | 320 | 28,937 | | | 0.144 | 1,679,866 | | | 3,742,588 | 1 | İ |
| 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 | 0.1 |
| 02/16/15 | | 13,804,943 | | | | | | 1,682,892 | | | 3,746,962 | 1 | 1 |
| 02/20/15 | | 13,805,957 | 1,014 | | | | | 1,683,320 | | | 3,747,752 | | 1 |
| 02/24/15 | | 13,806,974 | | | | | | 1,683,745 | | | 3,748,542 | | |
| 02/28/15 | | 13,808,369 | | | | | | 1,684,600 | | | 3,749,334 | | |
| | 03/01/15 | 13,808,507 | | February | | | Pounds Cr | | | | | | |
| 03/01/15 | | 13,808,690 | 321 | 9,905 | | | 0.059 | 1,684,600 | | | 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 |

| | | | OUTF | ALL 001 | | | | Ma | nhole | #1 | Ма | nhole | #2 |
|-------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|----------|---|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | pH | 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) |
| 03/23/15 | | 13,815,928 | 853 | | | | | 1,688,046 | | | 3,759,604 | | |
| 03/25/15 | | 13,816,332 | | | | | | 1,688,901 | | | 3,759,889 | | |
| 03/26/15 | | 13,816,697 | 365 | | | | | 1,689,329 | | | 3,760,382 | | |
| | 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 | | | 7.4 | 0.92 | 0.858 | 1,704,938 | 7.7 | 1.92 | 3,792,943 | 7.0 | 0.2 |
| 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 | 62,871 | | | 0.449 | 1,720,520 | | | 3,815,063 | | |
| 05/13/15 | | 13,898,048 | | | 8.0 | 0.60 | 0.554 | 1,724,812 | 7.8 | 0.92 | 3,820,667 | 8.1 | 0.3 |
| 05/18/15 | | 13,905,897 | 7,849 | | | | | 1,727,444 | | | 3,827,133 | | |
| 05/19/15 | | 13,909,365 | | | | 1 | | 1,728,740 | | | 3,830,304 | 1 | |
| 05/23/15 | | 13,914,964 | | | | 1 | | 1,731,329 | | | 3,834,357 | 1 | |
| 05/25/15 | | 13,920,921 | 5,957 | | | 1 | | 1,733,052 | | | 3,839,818 | 1 | |
| 05/28/15 | | 13,937,530 | 16,609 | | | 1 | | 1,736,965 | | | 3,854,997 | 1 | |
| 23,20,10 | 06/01/15 | 13,958,452 | , | May | | 1 | Pounds Cr | .,. 50,000 | | | 2,201,001 | 1 | |
| 06/02/15 | 20/01/10 | 13,967,174 | 29,644 | 72,867 | | 1 | 0.336 | 1,746,201 | | | 3,878,793 | 1 | |
| 06/03/15 | | 13,970,819 | | , | | | | 1,747,948 | | - | 3,881,197 | 1 | 1 |
| 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 | 0.2 |
| 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 | | | | | | 1,781,741 | | | 3,956,167 | | |
| 06/30/15 | | 14,069,200 | | | | | | 1,783,061 | | | 3,957,962 | | |
| 00,00,10 | 07/01/15 | 14,069,642 | 2,120 | June | | | Pounds Cr | 1,100,001 | | | 0,001,002 | | |
| 07/01/15 | 01/01/10 | 14,069,914 | 714 | 111,190 | | | 0.506 | 1,783,061 | | | 3,957,962 | | |
| 07/08/15 | | 14,077,301 | 7,387 | , | 7.7 | 0.37 | 0.351 | 1,787,623 | 7.2 | 0.68 | 3,963,593 | 7.5 | 0.2 |
| 07/14/15 | | 14,085,720 | | | 1.1 | 0.07 | 0.001 | 1,790,678 | 1.2 | 0.00 | 3,970,192 | 7.5 | 0.2 |
| 07/29/15 | | 14,114,029 | | | | | | 1,804,056 | | | 3,993,110 | | |
| 01/23/13 | 08/01/15 | 14,115,454 | 20,303 | July | | | Pounds Cr | 1,004,000 | | | 3,333,110 | | |
| 08/05/15 | 00/01/13 | 14,117,883 | 3,854 | 45,812 | | | 0.134 | 1,807,395 | | | 3,995,776 | | |
| 08/12/15 | | 14,131,529 | | 40,012 | | 0.41 | 0.371 | 1,812,749 | 7.2 | 0.51 | 4,006,460 | 7.1 | 0.1 |
| 08/17/15 | | 14,137,372 | 5,843 | | | 0.41 | 0.571 | 1,816,582 | 1.2 | 0.01 | 4,010,201 | 7.1 | 0.1 |
| 08/18/15 | | 14,138,406 | 1,034 | | | | | 1,817,349 | | | 4,010,201 | | |
| 08/27/15 | | 14,145,800 | | | | | | 1,822,802 | | | 4,016,771 | | |
| 00/27/13 | 09/01/15 | 14,151,425 | 7,334 | August | | | Pounds Cr | 1,022,002 | | | 4,010,771 | | |
| 09/04/15 | 03/01/13 | 14,155,393 | 9,593 | 35,971 | | | 0.111 | 1,828,088 | | | 4,025,183 | | |
| 09/04/15 | | 14,175,870 | | 00,011 | 7.6 | 0.23 | 0.208 | 1,833,613 | 7.2 | 0.72 | 4,023,165 | 7.0 | 0.1 |
| 09/18/15 | | 14,175,870 | | | 7.0 | 0.20 | 0.200 | 1,843,839 | 1.2 | 0.72 | 4,041,200 | | 0.1 |
| 09/28/15 | | 14,191,902 | | | | | | 1,852,031 | | | 4,069,063 | | 1 |
| 09/29/15 | | 14,211,559 | | | | | | 1,852,459 | | | 4,069,894 | | t |
| 00/20/10 | 10/01/15 | 14,212,577 | 5/1 | September | | | Pounds Cr | .,002,403 | | - | .,000,004 | 1 | 1 |
| 10/01/15 | | 14,212,781 | 1,222 | 61,152 | | | 0.106 | 1,853,738 | | | 4,071,365 | | t |
| 10/07/15 | | 14,220,473 | | | | 0.72 | 0.661 | 1,856,721 | 7.2 | 1.26 | | 73 | 0.1 |
| 10/13/15 | | 14,226,617 | | | | 0.72 | 5.001 | 1,859,329 | 2 | 1.20 | 4,071,303 | , | 0.1 |
| 10/21/15 | | 14,233,700 | | | | | | 1,863,168 | | | 4,082,924 | | <u> </u> |
| 10/27/15 | | 14,233,700 | | | | | | 1,865,726 | | | 4,082,924 | | |
| . 3/21/10 | 11/01/15 | 14,260,606 | | October | | | Pounds Cr | .,000,720 | | | .,000,017 | | <u> </u> |
| 11/02/15 | | 14,266,255 | | | | | 0.264 | 1,872,203 | | | 4,108,562 | | <u> </u> |
| 11/12/15 | | 14,288,543 | | ,010 | 7.7 | 0.73 | 0.700 | 1,882,551 | 7.3 | 1.20 | 4,122,107 | 7.6 | 0.2 |
| 11/30/15 | | 14,334,387 | | | | 0.10 | 000 | 1,898,090 | 7.0 | 1.20 | 4,155,815 | | 0.2 |
| 1730/13 | 12/01/15 | 14,336,677 | 40,044 | November | | | Pounds Cr | 1,030,030 | | | +, 133,013 | | |
| 12/01/15 | 12/01/13 | 14,339,197 | 4,810 | | | | 0.443 | 1,899,821 | | | 4,159,227 | | |
| 12/01/15 | | 14,339,197 | | 10,012 | 7.9 | 0.69 | 0.627 | 1,899,821 | 7.4 | 0.66 | 4,159,227 | 7.3 | 0.3 |
| 12/10/15 | | 14,364,604 | | | 1.5 | 0.09 | 0.021 | 1,910,218 | 7.4 | 0.00 | 4,176,267 | 7.5 | 0.3 |
| 12/21/13 | 01/01/16 | 14,458,622 | 94,018 | December | | | Pounds Cr | 1,537,179 | | | 4,240,023 | | |
| 01/01/16 | 01/10/10 | 14,488,585 | 29,963 | 150,867 | | | 0.788 | 1,949,306 | | 1 | 4,267,333 | <u> </u> | <u> </u> |
| 01/01/10 | | 14,488,585 | | | 7.9 | 0.62 | 0.572 | 1,949,308 | 7.4 | 0.87 | 4,207,333 | 7.6 | 0.4 |
| 01/07/16 | | | | | | | | | | | | | |

| | | | OUTF# | ALL 001 | | | | Mai | nhole | #1 | Manhole #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) | рH | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рH | Hexavalent Chromium Hach Test Kit (mg/L) |
| 02/01/16 | | 14,533,138 | 33,850 | 45,078 | | <u> </u> | 0.215 | 1,971,254 | • | , | 4,316,580 | | , |
| 02/10/16 | | 14,562,012 | 28,874 | 43,070 | 8.1 | 0.87 | 0.858 | 1,973,902 | 7.6 | 0.61 | 4,324,057 | 8.1 | 0.70 |
| 02/29/16 | | 14,601,368 | 39,356 | | 0.1 | 0.07 | 0.000 | 1,982,872 | 7.0 | 0.01 | 4,359,110 | 0.1 | 0.11 |
| 02,20,10 | 03/01/16 | 14,602,713 | 00,000 | February | | | Pounds Cr | 1,002,012 | | | 1,000,110 | | |
| 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 | 1. 1 | | | ,, | | |
| 04/02/16 | | 14,751,888 | 23,203 | 130,827 | | | 0.663 | 2,023,638 | | | 4,482,114 | | |
| 04/06/16 | | 14,770,034 | 18,146 | | 7.8 | 0.38 | 0.244 | 2,029,748 | 7.2 | 0.53 | 4,495,836 | 7.2 | 0.24 |
| | 05/01/16 | 14,827,634 | | April | | | Pounds Cr | | | | | | |
| 05/03/16 | | 14,834,742 | 64,708 | 94,094 | | | 0.191 | 2,057,059 | | | 4,539,976 | | |
| 05/12/16 | | 14,846,704 | 19,070 | | 7.6 | 0.70 | 0.645 | 2,062,615 | 7.2 | 0.47 | 4,547,811 | 7.1 | 0.69 |
| 05/17/16 | | 14,856,181 | 9,477 | | | | | 2,067,406 | | | 4,553,472 | 1 | |
| | 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 | | | 0.309 | 2,113,474 | | | 4,646,051 | | |
| 07/07/16 | | 14,998,455 | 15,241 | | 7.4 | 0.50 | 0.430 | 2,119,487 | 7.0 | 0.87 | 4,656,766 | 7.1 | 0.20 |
| 07/31/16 | | 15,036,518 | 38,063 | | | | | 2,138,364 | | | 4,681,191 | | |
| | 08/01/16 | 15,036,760 | | July | | | Pounds Cr | | | | | | |
| 08/01/16 | | 15,037,244 | 726 | 55,849 | | | 0.200 | 2,138,788 | | | 4,682,282 | | |
| 08/11/16 | | 15,047,013 | 9,769 | | 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 | | 15,161,513 | 44,399 | | | | | 2,190,037 | | | 4,766,164 | | |
| | 10/01/16 | 15,162,610 | | September | | | Pounds Cr | | | | | | |
| 10/01/16 | | 15,162,976 | 1,463 | 81,895 | | | 0.242 | 2,190,896 | | | 4,766,917 | | |
| 10/05/16 | | 15,170,280 | 7,304 | | 7.5 | 0.76 | 0.707 | 2,194,329 | 7.1 | 1.17 | 4,771,417 | 7.2 | 0.24 |
| | 11/01/16 | 15,218,316 | | October | | | Pounds Cr | | | | | | |
| 11/01/16 | | 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 | | | | | L | L |
| 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 | | 7.7 | 0.90 | 0.832 | 2,240,348 | 7.4 | 1.41 | 4,843,138 | 7.3 | 0.26 |
| | 01/01/17 | 15,320,273 | | December | | | Pounds Cr | | | | | I | |
| 01/05/17 | | 15,328,203 | | 60,680 | | | 0.420 | | | | | | |
| 01/05/17 | | 15,328,203 | 0 | | | 1.00 | 0.895 | 2,259,750 | 7.5 | 1.44 | 4,878,940 | 7.4 | 0.47 |
| 01/31/17 | | 15,387,622 | 59,419 | | | | _ | 2,272,198 | | | 4,933,594 | I | |
| | 02/01/17 | 15,387,845 | | January | | | Pounds Cr | 0.077.77 | | | 4 000 000 | | |
| 02/01/17 | | 15,388,387 | 765 | 67,572 | | | 0.504 | 2,272,625 | | | 4,933,971 | 7.1 | |
| 02/09/17 | | 15,399,455 | 11,068 | E.L. | 7.8 | 0.56 | 0.542 | 2,277,351 | 7.5 | 0.99 | 4,941,836 | 7.1 | 0.13 |
| | 03/01/17 | 15,452,749 | | February | | | Pounds Cr | | | | | | |
| 03/08/17 | | 15,476,369 | 76,914 | 64,904 | | | 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 | | | | | | 2,309,539 | | | 5,016,906 | <u> </u> | |
| 03/25/17 | | 15,528,765 | 31,640 | | | | | 2,321,231 | | | 5,039,669 | | |
| 03/29/17 | | 15,542,291 | 13,526 | | | | | 2,325,638 | | | 5,049,699 | | |
| | 04/01/17 | 15,558,808 | | March | | | Pounds Cr | | | | | | |
| 04/02/17 | | 15,562,275 15,582,526 | | 106,059 | 7.7 | 0.43 | 0.476 0.405 | 2,333,037 2,340,089 | 7.3 | 0.57 | 5,064,049 5,064,049 | 7.3 | 0.27 |
| 04/06/17 | | | | | | | | | | | | | |

| | | | OUTFA | ALL 001 | | | | Ma | nhole | #1 | Manhole #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) | рН | Hexavalent Chromium Hach Test Kit (mg/L) | Flow Totalizer #2 Reading (gallons) | рН | Hexavalent Chromium Hach Test Kit (mg/L) |
| | 05/01/17 | 15,703,639 | | April | r. | | Pounds Cr | | | | | | , |
| 05/04/17 | 00,01,11 | 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 | 0.2 |
| | 06/01/17 | 15,796,047 | | May | | | Pounds Cr | 1 1 | | | -,, | | |
| 06/08/17 | | 15,812,038 | 83,872 | 92,408 | | | 0.198 | | | | | | |
| 06/08/17 | | 15,812,038 | 0 | | 7.5 | 0.35 | 0.325 | 2,421,837 | 7.1 | 0.36 | 5,243,312 | 7.2 | 0.1 |
| | 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 | 0.5 |
| 07/31/17 | | 15,945,154 | 42,507 | | | | | 2,472,011 | | | 5,337,122 | | |
| | 08/01/17 | 15,945,504 | | July | | | Pounds Cr | | - | | | | |
| 08/01/17 | | 15,945,880 | 726 | 56,764 | | | 0.248 | 2,472,438 | - | | 5,337,492 | | |
| 08/09/17 | | 15,958,437 | 12,557 | | 7.4 | 0.68 | 0.624 | 2,478,016 | 7.0 | 0.66 | 5,347,291 | 6.9 | 0.3 |
| | 09/01/17 | 15,992,489 | | August | | | Pounds Cr | | | | | | |
| 09/07/17 | | 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 | 0.1 |
| 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 | 0.1 |
| | 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 | | |
| 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 | 0.2 |
| 11/15/17 | | 16,098,379 | 5,712 | | | | | 2,541,643 | | | 5,441,055 | | |
| 11/30/17 | | 16,109,689 | 11,310 | | | | | 2,549,030 | | | 5,450,173 | | |
| | 12/01/17 | 16,110,147 | | November | | | Pounds Cr | | | | | | |
| 12/03/17 | | 16,112,117 | 2,428 | 29,901 | | | 0.179 | 2,550,308 | | | 5,451,687 | | |
| 12/07/17 | | 16,115,265 | 3,148 | | 7.4 | 0.82 | 0.755 | 2,551,590 | 7.4 | 1.29 | 5,453,973 | 7.4 | 0.2 |
| 12/14/17 | | 16,121,000 | 5,735 | | | | | 2,551,590 | | | 5,453,973 | | 1 |
| 12/31/17 | 0.1/0.1/10 | 16,131,936 | 10,936 | Descentes | | | | 2,560,147 | | | 5,464,203 | | |
| 04/04/40 | 01/01/18 | 16,132,116 | | December | | | Pounds Cr | 0 500 574 | | | 5 404 000 | | 1 |
| 01/01/18 01/04/18 | | 16,132,328 | 392 | 21,969 | | 0.70 | 0.138 0.734 | 2,560,571 | | 0.41 | 5,464,203 5,465,331 | | 0.0 |
| 01/04/18 | 02/01/18 | 16,133,697 16,144,665 | 1,369 | January | | 0.78 | Pounds Cr | 2,560,993 | | 0.41 | 5,405,331 | | 0.0 |
| 02/01/18 | 02/01/18 | 16,144,863 | 11,166 | 12,549 | | | 0.077 | 2,566,068 | | | 5,472,876 | | |
| 02/01/18 | | 16,144,803 | 2,452 | 12,549 | 7.8 | 0.75 | 0.906 | 2,567,326 | 7.4 | 1.68 | 5,472,876 | 7.2 | 0.1 |
| 02/08/18 | | 16,147,313 | 8,574 | | 1.0 | 0.75 | 0.900 | 2,570,306 | 7.4 | 1.00 | 5,474,376 | 1.2 | 0.1 |
| 02/20/16 | 03/01/18 | 16,156,053 | 0,374 | February | | | Pounds Cr | 2,570,500 | | | 5,461,207 | | 1 |
| 03/01/18 | 03/01/10 | 16,156,211 | 322 | 11,388 | | | 0.086 | 2,570,306 | | | 5,481,586 | | |
| 03/08/18 | | 16,150,211 | 7,535 | 11,000 | 7.7 | 0.52 | 0.526 | 2,570,500 | 7.4 | 0.78 | 5,481,580 | 7.2 | 0.2 |
| 03/08/18 | | 16,183,153 | 19,407 | | 1.1 | 0.02 | 0.020 | 2,574,570 | 7.4 | 0.70 | 5,405,747 | 1.2 | 0.2 |
| 03/31/18 | | 16,188,615 | 5,462 | | | | | 2,472,869* | | | 5,499,048 | | 1 |
| 33/01/10 | 04/01/18 | 16, 189, 199 | 0,402 | March | | | Pounds Cr | _,,000 | | 1 | 0,100,040 | | t |
| 04/01/18 | 0-1,01,10 | 16,190,057 | 1,442 | 33,146 | | | 0.145 | 2,473,316 | | | 5,500,204 | | <u> </u> |
| 04/01/18 | | 16,195,349 | 5,292 | | 7.7 | 0.60 | 0.585 | 2,476,332 | 7.3 | 0.84 | 5,502,874 | 7.4 | 0.3 |
| 04/10/18 | | 16,203,721 | 8,372 | - | | 0.00 | 5.000 | 2,480,242 | | 0.04 | 5,508,217 | | 0.0 |
| 04/25/18 | | 16,302,239 | | | | | | 2,508,161 | | | 5,586,326 | | İ |
| 04/30/18 | | 16,328,835 | 26,596 | | | 1 | | 2,516,938 | | | 5,606,361 | | |
| | 05/01/18 | 16,330,212 | -, | April | | | Pounds Cr | | | | | | 1 |
| 05/01/18 | | 16,331,044 | 2,209 | 141,013 | | | 0.687 | 2,517,809 | | | 5,607,864 | | 1 |
| 05/04/18 | | 16,360,268 | 29,224 | , | | | | 2,526,963 | | | 5,630,632 | | İ |
| 05/10/18 | | 16,409,694 | 49,426 | - | 7.6 | 0.30 | 0.315 | 2,541,347 | 7.2 | 0.51 | 5,667,843 | 6.8 | 0.1 |
| 05/22/18 | | 16,428,757 | 19,063 | | | | | 2,547,991 | | | 5,681,939 | | 1 |
| 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 | | | | | | |
| 06/01/18 | | 16,467,299 | 4,332 | 136,382 | | | 0.358 | 2,563,476 | | | 5,705,975 | L | |
| 06/05/18 | | 16,476,100 | 8,801 | | | | | 2,566,515 | | | 5,712,597 | | |

| | | | OUTF/ | ALL 001 | | | | Ma | nhole | #1 | Manhole #2 | | | |
|----------------------|-------------------------------------|--|---|-----------------------------------|-----|---|--|--|-------|---|--|-----|---|--|
| Date Actual | Date For Linear Interpolation | Metered Discharge Reading (gallons) | Gallons Discharged Between Meter Reading | Monthly Discharge (gallons) | pH | 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) | |
| 06/07/18 | - | 16,480,044 | 3,944 | , | 7.6 | 0.38 | 0.382 | 2,568,258 | . 7.1 | 0.53 | 5,715,101 | 7.3 | 0.2 | |
| 06/30/18 | | 16,537,167 | 57,123 | | 7.0 | 0.00 | 0.002 | 2,588,614 | | 0.00 | 5,756,117 | 7.0 | 0.2 | |
| 00,00,10 | 07/01/18 | 16,537,690 | 01,120 | June | | | Pounds Cr | 2,000,011 | | | 0,100,111 | | | |
| 07/01/18 | | 16,538,238 | 1,071 | 71,096 | | | 0.226 | 2,589,032 | | | 5,756,879 | | | |
| 07/05/18 | | 16,542,427 | 4,189 | 1 | 7.6 | 0.31 | 0.311 | 2,591,176 | 7.2 | 0.57 | 5,759,920 | 7.1 | 0.1 | |
| 07/12/18 | | 16,545,145 | | | | | | 2,594,639 | | | 5,763,368 | | | |
| 07/19/18 | | 16,553,309 | 8,164 | | | | | 2,597,639 | | | 5,766,777 | | | |
| 07/31/18 | | 16,571,725 | 18,416 | | | | | 2,604,452 | | | 5,779,752 | | | |
| | 08/01/18 | 16,571,996 | | July | | | Pounds Cr | | | | | | | |
| 08/01/18 | | 16,572,495 | 770 | 34,306 | | | 0.089 | 2,589,032 | | | 5,756,879 | | | |
| 08/08/18 | | 16,581,462 | 8,967 | | | 0.43 | 0.438 | 2,608,818 | 7.1 | 0.55 | 5,785,813 | 7.0 | 0.2 | |
| 08/31/18 | | 16,637,913 | 56,451 | | | | | 2,629,840 | | | 5,828,591 | | | |
| | 09/01/18 | 16,640,165 | | August | | | Pounds Cr | | | | | | | |
| 09/01/18 | | 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 | 0.0 | |
| 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 | | 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 | 0.2 | |
| 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 | 0.3 | |
| 11/12/18 | | 16,936,140 | | | | | | 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 | | | | | | 2,727,099 | | | 6,059,771 | | | |
| 11/19/18 | | 16,949,417 | 5,099 | | | | | 2,729,266 | | | 6,063,298 | | | |
| 10/00/10 | 12/01/18 | 16,964,903 | 00 740 | November | | | Pounds Cr | 0 700 704 | | | 0.000 500 | | | |
| 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 | | |
| 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 | 0.4 | |
| 01/04/10 | 01/01/19 | 17,020,007 | 40.042 | December 55,104 | | | Pounds Cr 0.239 | 0.757.400 | | | 0.440.400 | | | |
| 01/04/19 01/10/19 | | 17,021,076 17,051,054 | 48,943 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 | 0.1 | |
| 01/10/19 | 02/01/19 | 17,051,054 | 29,970 | January | 1.0 | 0.20 | Pounds Cr | 2,705,905 | 1.2 | 0.41 | 0,140,244 | 7.0 | 0.1 | |
| 02/01/19 | 02/01/19 | 17,086,762 | 35,708 | 65,869 | | | 0.135 | 2,779,438 | | | 6,166,376 | | | |
| 02/07/19 | | 17,092,183 | | 05,005 | 8.0 | 0.36 | 0.398 | 2,779,438 | 7.5 | 0.37 | 6,170,668 | 7.3 | 0.3 | |
| 02/01/19 | 03/01/19 | 17,108,085 | 5,421 | February | 0.0 | 0.00 | Pounds Cr | 2,101,103 | 7.5 | 0.37 | 0,170,000 | 7.5 | 0.3 | |
| 03/01/19 | 00/01/19 | 17,108,314 | 16,131 | 22,209 | | | 0.074 | 2,786,817 | | | 6,183,118 | 1 | 1 | |
| 03/07/19 | | 17,100,314 | | ,0 | 7.9 | 0.29 | 0.296 | 2,788,121 | 7.4 | | 6,186,219 | 7.4 | | |
| 03/26/19 | | 17,201,867 | 89,718 | | | | 2.200 | 2,810,744 | · · · | | 6,261,318 | 1 | | |
| | 04/01/19 | 17,220,303 | | March | | | Pounds Cr | ,,. | | 1 | .,, | | 1 | |
| 04/02/19 | | 17,221,255 | 19,388 | 112,218 | | | 0.277 | 2,818,615 | | 1 | 6,274,417 | | 1 | |
| 04/02/19 | | 17,221,255 | | - | 7.7 | 0.40 | 0.408 | 2,818,615 | 7.2 | 0.53 | 6,274,417 | 7.2 | 0.1 | |
| 04/18/19 | | 17,270,735 | | | | | | 2,834,848 | | | 6,312,336 | 1 | | |
| 04/30/19 | | 17,336,326 | | | | | | 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 | 0.6 | |
| | 06/01/19 | 17,467,893 | | Мау | | | Pounds Cr | | | | | | | |
| 06/06/19 | | 17,492,562 | | 129,851 | | | 0.477 | 2,856,981 | | | 6,365,212 | | | |
| 06/06/19 | | 17,492,562 | | | 7.6 | 0.23 | 0.249 | 2,908,632 | 7.2 | 0.32 | 6,478,871 | 7.0 | 0.2 | |
| 06/11/19 | | 17,502,105 | | | | | | 2,912,952 | | | 6,486,321 | | | |
| 06/18/19 | | 17,525,532 | 23,427 | L | | | | 2,920,258 | | | 6,503,730 | L | | |
| | 07/01/19 | 17,581,030 | 1 | June | I | 1 | Pounds Cr | | | 1 | 1 | 1 | 1 | |
| 07/08/19 | 07/01/19 | 17,613,923 | 88,391 | 113,137 | | | 0.235 | 2,947,437 | | | 6,572,415 | - | | |

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

| | | | OUTF# | ALL 001 | | | | Ма | nhole | #1 | Ма | nhole | #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) |
| 07/22/19 | | 17,636,628 | 17,235 | | | | | 2,956,444 | | | 6,590,064 | | |
| 07/23/19 | | 17,644,137 | 7,509 | | | | | 2,958,908 | | | 6,596,369 | | |
| 07/26/19 | | 17,655,780 | 11,643 | | | | | 2,961,918 | | | 6,602,890 | | |
| 07/31/19 | | 17,662,536 | 6,756 | | | | | 2,965,324 | | | 6,606,751 | | |
| | 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 | | 17,829,959 | 39,309 | | | | | 3,022,795 | | | 6,730,481 | | |
| | 10/01/19 | 17,830,522 | | September | | | Pounds Cr | | | | | | |
| 10/01/19 | | 17,831,112 | 1,153 | 117,521 | | | 0.479 | 2,985,412 | | | 6,644,057 | | |
| 10/10/19 | | 17,895,551 | 64,439 | | 7.7 | | | 3,042,581 | 7.4 | 0.35 | 6,779,975 | 7.2 | 0.16 |

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

| Industrial User (Wastev | water Discharge) Permit 18-21 | Outfall 001 Effluent Limits |
|---------------------------|-------------------------------|-----------------------------|
| pН | 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.

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

| Ausmirum Ausmirum Cardmun Total Corporate Land Mercury Nick1 Cardmun (mgL) (mgL) </th <th></th> <th></th> <th></th> <th></th> <th></th> <th>Chromium</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Hexavalent</th> | | | | | | Chromium | | | | | | | Hexavalent |
|---|----------|-----------|----------|----------|-----------|----------|---------|----------|----------|----------|----------|----------|------------|
| Image (mgL) (mgL) <th< td=""><td></td><td></td><td>Aluminum</td><td>Arsenic</td><td>Cadmium</td><td></td><td>Copper</td><td>Cvanide</td><td>Lead</td><td>Mercurv</td><td>Nickel</td><td>Zinc</td><td>Chromium</td></th<> | | | Aluminum | Arsenic | Cadmium | | Copper | Cvanide | Lead | Mercurv | Nickel | Zinc | Chromium |
| Perma 81-821 Lumins 70 10 0.3 7.0 3.5 10 2.0 0.002 2.0 10.0 4.5 CH2M HM 0022007 c.002 c.0000 0.0081 c.0001 c.0000 c.0001 c.0000 0.0081 c.0001 c.0000 c.00000 c.00010 c.0011 c.00111 c.0011 c.0011 | | | | | | | | | | , | | | (mg/L) |
| CH2M HH 022097 c.02 c.0004 0.005 c.0005 c.0005 c.0004 0.0057 c.0005 c.0005 c.0006 0.0057 c.0005 c.0007 c.0001 c.0005 c.0005 c.0007 c.0001 c.0015 c.0015 <thc.0015< th=""> c.0015 c.0015<td></td><td></td><td>70</td><td>1.0</td><td>0.3</td><td>7.0</td><td>3.5</td><td>1.0</td><td>2.0</td><td>0.002</td><td>2.0</td><td>10.0</td><td>4.5</td></thc.0015<> | | | 70 | 1.0 | 0.3 | 7.0 | 3.5 | 1.0 | 2.0 | 0.002 | 2.0 | 10.0 | 4.5 |
| CH2M U0152 < 0.0004 0.0087 < 0.0006 < 0.0006 < 0.0005 0.0100 Appletion 0.027488 < 0.011 < 0.002 < 0.0005 0.0100 < 0.0002 < 0.0005 0.0100 < 0.0002 < 0.0005 0.0100 < 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.00005 0.00003 < 0.0005 0.00003 0.0000 < 0.0005 0.00003 0.0000 < 0.0005 0.00003 0.0000 < 0.0005 0.00003 0.0000 0.00003 0.0010 0.0000 0.00003 0.0100 0.0000 0.0000 0.0010 0.0100 0.00003 0.0100 0.00003 0.0100 0.00003 0.0100 0.0000 0.00001 0.0101 0.00000 0.00001 <td></td> <td></td> <td>- 02</td> <td>. 002</td> <td>+ 00050</td> <td>0.04</td> <td>- 01</td> <td>+ 00001</td> <td>+ 00F</td> <td>- 0002</td> <td>+ 00F</td> <td>0.0051</td> <td>. 01</td> | | | - 02 | . 002 | + 00050 | 0.04 | - 01 | + 00001 | + 00F | - 0002 | + 00F | 0.0051 | . 01 |
| Appleton 04/29/08 c101 c002 c006 0.0200 c.1 c0002 c.001 NA MCD 03/18/99 c001 c002 c0003 c0003 c0003 c0003 c0003 c0004 c00005 c00005 <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> | | | | | | | | | | | | | |
| MCC 091899 e-000 e-0003 e-00032 e-00032 e-00034 e-00035 e-0003 e-0013 e-0013 e-0013 e-0014 0.0080 NA Appletion 0917100 e-015 e-0001 e-016 e-0005 e-0001 e-011 e-0013 e-0012 e-0118 NA MCC 091700 e-015 e-0007 e-0014 e-00013 e-0012 e-0118 NA MOD e-0017 e-0017 e-0114 e-00013 e-0017 e-0017 e-0017 e-0017 e-0017 e-0017 e-0017 e-0013 e-00005 e-011 e-0017 e-0013 e-00005 e-011 e-0017 e-0018 A-0013 e-00005 e-0112 e-0018 A-0013 e-00005 e-011 e-0018 A-0013 e-00005 e-0012 A-0014 A-0018 A-0011 A-0013 e-00005 | | | | | | | | | | | | | |
| Appleton 03/14/99 <0.11 <0.02 <0.05 <0.05 <0.05 <0.05 <0.003 <1 <0.0015 <0.04 0.0080 NA Appleton 02/1500 <0.015 | | | | <.002 | 0.0050 | 0.1700 | | <.001 | | | | | |
| Appleten 09/21/89 <011 <0.005 <0.005 <0.003 <0.003 <0.003 <0.003 <0.003 <0.003 <0.003 <0.003 <0.003 <0.003 <0.003 <0.003 <0.003 <0.003 <0.001 <1 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <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><.0036</td> | | | | | | | | | | | | | <.0036 |
| Appletion 02/1500 < 0.001 0.102 0.004 0.004 0.004 0.003 0.004 0.001 0.003 0.014 0.003 0.014 0.003 0.014 0.003 0.014 0.003 0.016 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 | | | | | | | | | | | | | |
| MCD 03/1300 CODB C | | | | | | | | | | | | | |
| Appleton 0221101 <0.015 <0.002 <0.014 <0.05 <0.003 <0.04 No.04 Appleton 10/0201 0.016 <0.002 | | | | | | | | | | | | | |
| MCD 0301101 <0.027 0.012 0.008 **** c.0033 <1.7 c.00005 0.08 *** 0.015 c.0001 c.001 c.0005 0.003 NA Appleton 017103 c.0027 c.0082 c.0005 0.013 c.00060 c.0003 c.0035 c.0025 v.014 c.0038 c.0005 c.011 c.0006 0.00022 v.0228 NA Appleton 0171 d.0017 c.0011 d.0006 c.00022 v.0213 v.0011 NA c.0013 d.011 NA A ADDID ADDID ADDID <t< 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></t<> | | | | | | | | | | | | | |
| MCD 03/19/02 <.0027 <.0027 <.0027 <.0027 <.0027 <.012 <.0005 <.011 <.0018 Appleton 05/2002 <.0049 | | | | | | | | | | | | | <.0036 |
| Appleton 05/02/02 - - - - - 0.0001 - 0.0001 - 0.0001 NA Appleton 02/11/03 -0.027 -0.0082 - 0.0003 - 0.0004 - 0.0001 0.0001 - 0.0011 - 0.0011 - 0.0011 - 0.0011 - 0.0011 - 0.0001 - 0.0011 - 0.0001 - | | | | | | | | | | | | | |
| Appletion 11/12/02 0.027 c.00082 c.00007 c.00007 c.000028 0.00028 0.00028 0.00028 0.00028 0.00028 0.00028 0.00028 0.00028 0.00028 0.00028 0.00028 c.00027 c.00028 0.00028 c.00018 c.00018 c.00018 c.00018 c.00018 c.00018 c.00018 c.00018 c.00018 c.000028 c.00028 c.000028 c.00028 c.00028 c.00028 c.000028 c.000028 c.00028 | | | | | | | | | | | | | <.0036 |
| Appleton 02/11/03 -0.0027 -0.0082 -0.0082 -0.00028 -0.00028 -0.00028 -0.00028 -0.00028 -0.00028 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0011 -0.0002 -0.0011 -0.0002 -0.0011 -0.0002 -0.0011 -0.0002 -0.0012 -0.0002 -0.0012 -0.0002 -0.0011 -0.0002 -0.0012 -0.0002 -0.0012 -0.0002 -0.0012 -0.0002 -0.0012 -0.0002 -0.0012 -0.0002 -0.0012 -0.0002 -0.0012 -0.0002 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0022 -0.0012 -0.0012 -0.0023 -0.0012 -0.0022 -0.010 MA De | | | | | | | | | | | | | |
| Appletan 0324403 -0.045 c.0027 -0.0080 c.16 -0.00050 c.0008 c.0 | | | | | | | | | | | | | |
| Appleton 10/23/03 0.0045 .0.0013 -0.0001 0.221 -0.0008 -0.0002 -0.0022 -0.002 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0012 -0.0013 -0.0013 -0.0013 -0.0013 -0.0013 -0.0013 -0.0013 -0.0013 -0.0014 -0.00026 -0.0002 -0.0012 -0.0010 NA MCO 0.080805 0.00021 -0.0011 -0.00014 -0.0005 -0.0005 -0.00026 -0.0007 -0.0011 NA -0.0001 NA Appleton 0.022306 -0.0021 -0.00017 -0.0007 -0.0016 -0.0008 -0.00026 -0.00026 -0.0002 -0.0011 NA -0.0016 -0.00044 -0.00026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.0026 -0.004 NA -0.001 | | | | | | | | | | | | | |
| Appleton 032404 -0.0050 -0.0071 -0.0011 -0.0003 -0.0088 -0.00025 -0.0020 -0.0013 -0.0014 NA MCO 0808050 0.023 -0.0003 -0.0031 -0.0018 -0.0003 -0.0018 -0.00026 -0.0014 -0.0022 -0.0014 -0.0022 -0.0017 -0.0011 NA Appleton 1022306 -0.0021 -0.0017 -0.0016 -0.0005 -0.0008 -0.00026 -0.0022 -0.0017 -0.0017 -0.0017 -0.0018 -0.00026 -0.0022 -0.0011 NA Appleton 0527206 -0.0076 -0.00074 0.0011 -0.0016 -0.0094 -0.00021 -0.0022 -0.0011 -0.0011 -0.0 | | | | | | | | | | | | | |
| Appleton 11/08/04 0.0071 c0.0012 c0.0012 c0.0012 c0.0013 c0.0013 c0.0013 c0.0014 c0.00026 c0.0014 c0.00026 c0.0014 c0.00026 c0.0014 c0.00026 c0.0014 c0.00026 c0.0017 c0.0017 c0.0017 c0.0017 c0.0017 c0.0017 c0.0011 c0.0005 c0.0005 c0.0008 c0.00026 c0.0002 c0.0017 c0.0017 c0.0017 c0.0017 c0.0017 c0.0017 c0.0017 c0.0016 c0.0005 c0.0006 c0.00026 c0.0002 c0.0012 c0.0013 c0.0012 c0.0012 c0.0012 c0.011 AL Appleton 032207 c0.007 c0.001 A.4 c0.011 c0.012 c0.011 AL c0.011 c0.012 c0.011 c0.01 | | | | | | | | | | | | | |
| Appleton 11/05/06 0.0021 c0.0021 c0.001 Ad.0217 c0.001 c0.001 c0.0011 c0.001 c0.0011 c0.0011 c0.011 c0.011 c0.011 c0.021 c0.003 c0.0011 c0.011 c0.021 c0.003 c0.0011 c0.011 c0.021 c0.003 c0.0011 c0.011 c0.021 c0.003 c0.0002 c0.011 c0.011 c0.024 c0.003 c0.0011 c0.011 c0.011 c0.024 c0.008 c0.0021 <thc0.0023< th=""> <th< td=""><td></td><td></td><td>0.0071</td><td></td><td><0.0001</td><td>0.04</td><td>0.0008</td><td></td><td></td><td><0.0002</td><td>0.0013</td><td></td><td>NA</td></th<></thc0.0023<> | | | 0.0071 | | <0.0001 | 0.04 | 0.0008 | | | <0.0002 | 0.0013 | | NA |
| Appleton 02/23/06 0.0021 e0.0011 0.008 e0.0005 e0.0008 e0.0002 0.0022 e0.012 NA MCD 03/23/06 e.0.20 e0.0076 e0.00074 0.321 0.0018 e0.00043 e0.00072 0.0021 e0.0026 e0.00072 0.0021 e0.0026 e0.0007 e0.0011 e0.0014 e0.0014 e0.0014 e0.0014 e0.0014 e0.0012 e0.0022 e0.0021 e0.011 NA Appleton 01/16/08 0.211 e0.0031 e0.0011 e0.013 e0.011 e0.0031 e0.0021 e0.011 e0.0033 e0.024 e0.0001 e0.024 e0.0011 e0.014 e0.0003 e0.0024 e0.0001 e0.024 e0.0011 e0.014 e0.0003 e0.0024 e0.001 e0.024 e0.001 e0.002 e0.011 e0.018 e0.002 | | | | | | | | | | | | | <0.005 |
| MCD 03/22/06 <0.0076 <0.00076 <0.00074 0.7018 0.0048 <0.00034 <0.00026 0.00021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0021 <0.0032 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0031 <0.0002 <0.014 <0.011 <0.001 <0.011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0. | | | | | | | | | | | | | |
| Appleton 06/27/06 <0.0076 <0.0076 <0.0074 0.0700 0.0016 <0.00034 <0.00021 <0.0021 <0.0201 <0.0201 <0.0201 <0.0201 <0.0026 <0.0010 NA Appleton 0.037 <0.007 | | | | | | | | | | | | | |
| Appleton 10/05/06 0.037 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0012 <0.0002 <0.0022 <0.004 <0.0013 <0.00021 <0.004 <0.0013 <0.00011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <0.0011 <t< 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></t<> | | | | | | | | | | | | | |
| Appleton 03/22/07 <0.07 <0.07 <0.01 1.9 3.5 <0.004 <0.0002 <0.0004 <0.0008 NA Appleton 12/04/07 <0.0383 | | | | | | | | | | | | | |
| MCO 04/02/07 0.0338 0.00024 0.00041 <0.00041 <0.00013 <0.00019 0.0035 0.0095 N.0011 Appleton 01/16/08 0.011 <0.011 | | | | | | | | | | | | | |
| Appleton 01/16/08 0.211 <0.003 <0.014 NA OMNNI 04/08/08 0.0114 0.00043 0.0011 0.864 0.0014 0.00095 J <0.0024 | | 04/02/07 | 0.0383 | 0.00024 | 0.000086 | 1.41 | 0.0041 | < 0.0094 | 0.00013 | <0.00019 | 0.0035 | 0.009 | NA |
| OMNNI 04/08/08 0.0114 0.00043 0.0014 0.00095 J <0.0001 0.0024 0.0011 0.063 Appleton 08/19/08 <0.09 | | | | | | | | | | | | | |
| Appleton 08/19/08 <0.08 <0.011 0.095 <0.05 <0.033 0.0002 <0.02 <0.011 NA Appleton 03/31/09 <0.015 | | | | | | | | | | | | | |
| Appleton 03/31/09 c0.09 c0.011 0.908 c0.008 c0.005 c0.0002 c0.02 c0.01 NA OMNNI 04/07/09 c0.0151 0.0031 0.00040 J 0.767 0.0024 J c0.0061 c0.0001 0.0016 J 0.0137 J 0.84 Appleton 03/22/09 c0.06 c0.002 c0.01 1.6 c0.001 c0.003 c0.002 c0.01 NA Appleton 03/02/10 c0.066 c0.002 c0.01 1.6 c0.01 c0.008 c0.033 c0.0002 c0.01 NA Appleton 11/02/10 c0.01 c0.01 0.011 c0.01 c0.001 c0.01 c0.001 c0.01 c0.004 c0.0028 c0.008 c0.002 c0.02 c0.01 NA Appleton 00/22/11 c0.08 c0.0005 c0.011 1.3 c0.01 c0.007 c0.04 c0.0002 c0.02 c0.01 NA Appleton 03/21/12 c0.0865 c0.0047 | | | | | | | | | | | | | |
| OMNNI 04/07/09 0.0151 0.0034 0.0040 J 0.767 0.0024 J 0.0061 0.0161 J 0.0173 J 0.84 Appleton 09/22/09 <0.08 | | | | | | | | | | | | | |
| Appleton 09/22/09 <0.08 <0.006 <0.01 2.3 <0.01 <0.008 <0.002 <0.02 <0.01 NA Appleton 03/02/10 <0.06 | | | | | | | | | | | | | |
| OMINI 04/06/10 0.051 J <0.0014 0.00043 J 1.16 0.0024 J <0.00075 <0.0001 0.0023 J 0.0046 J 1.3 Appleton 11/02/10 <0.010 | | | | | | | | | | | | | |
| Appleton 11/02/10 <0.01 <0.01 <0.01 <0.01 <0.001 <0.001 <0.01 NA Appleton 02/24/11 <0.08 | | | | | | | | | | <0.0002 | | | |
| Appleton 02/24/11 <0.08 <0.01 <0.01 1.5 <0.01 0.008 <0.04 <0.0002 <0.02 <0.01 NA OMNNI 04/05/11 0.0725 J 0.0025 J <0.0026 O.011 | | | | | | | | | | | | | - |
| ÓMNNI 04/05/11 0.0725 J 0.0025 J <0.00026 0.401 0.0028 J <0.001 <0.0010 0.0003 J 0.0023 J 0.40 Appleton 10/26/11 <0.08 | | | | | | | | | | | | | |
| Appleton 10/26/11 <0.08 <0.005 <0.01 1.2 <0.01 0.007 <0.04 <0.0002 <0.02 <0.01 NA Appleton 03/21/12 <0.01 | | | | | | | | | | | | | |
| Appleton 03/21/12 <0.11 <0.004 <0.01 1.3 0.01 0.007 <0.04 <0.002 <0.02 <0.01 NA Terracon 04/05/12 <0.0695 | | | | | | | | | | | | | |
| Terracon 04/05/12 <0.0695 <0.0047 <0.00039 0.696 0.014 J <0.0061 <0.0010 0.0011 J <0.0053 0.83 Appleton 10/04/12 0.0865 0.0051 0.00048 0.0228 0.0022 0.0001 0.00013 J <0.0053 | | | | | | | | | | | | | |
| Terracon 04/11/13 0.078 <0.004 <0.00048 0.431 0.0024 <0.0038 <0.027 <0.0010 0.00013 <0.0024 0.42 Appleton 04/17/13 <0.0714 | | 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 04/17/13 <0.00714 <0.0042 <0.00048 0.279 0.0029 J <0.0038 <0.027 <0.0010 0.00062 J <0.0024 NA Appleton 11/20/13 <0.00714 | | | | | | | | | | | | | |
| Appleton11/20/13<0.0714<0.0042<0.000481.130.0018 J0.0044 J<0.027<0.000100.00085 J0.0034 JNAAppleton04/15/140.119 J<0.0068 | | | | | | | | | | | | | |
| Appleton04/15/140.119 J<0.0068<0.0010.270.0036 J<0.060<0.0016<0.0010<0.0013<0.0058NATerracon05/13/140.116 J<0.0068 | معلماهم | | | | | | | | | | | | |
| Terracon 05/13/14 0.116 J <0.0068 <0.001 0.273 0.0034 J <0.060 0.0040 J <0.0010 <0.0013 0.0064 J 0.28 Appleton 9/24/2014 <0.0655 | | | | | | | | | | | | | |
| Appleton 9/24/2014 <0.0655 <0.0068 <0.001 0.757 <0.0034 <0.010 <0.0016 <0.0010 <0.0013 <0.0058 NA Terracon 4/15/2015 0.054 J <0.0072 | | | | | | | | | | | | | |
| Terracon 4/15/2015 0.054 J <0.0072 <0.00060 0.858 0.0041 J <0.010 <0.0030 <0.0010 <0.0014 0.0026 J 0.92 Appleton 6/3/2015 <0.0655 | | | | | | | | | | | | | |
| Appleton 10/21/2015 0.105 J <0.0068 <0.0010 0.676 <0.0034 <0.010 0.0024 J <0.0010 <0.0013 0.0078 J NA Terracon 5/12/2016 0.0637 J <0.0072 | | | 0.054 J | | | | | | < 0.0030 | | | 0.0026 J | |
| Terracon 5/12/2016 0.0637 J <0.0072 <0.00060 0.645 <0.0036 <0.0068 <0.0030 <0.0013 0.018 J <0.0013 0.0103 0.010 0.010 <0.007 <0.007 <0.030 <0.0002 <0.020 <0.011 NA Appleton 11/1/2016 <0.090 | | | | | | | | | | | | | |
| Appleton 5/17/2016 <0.090 <0.001 <0.010 0.530 <0.010 <0.007 <0.030 <0.0002 <0.020 <0.011 NA Appleton 11/1/2016 <0.090 | | | | | | | | | | | | | |
| 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 4/27/2017 <0.060 | | | | | | | | | | | | | |
| Appleton 4/27/2017 <0.060 <0.001 <0.010 0.370 <0.010 0.007 <0.030 <0.0002 <0.020 <0.010 NA Terracon 6/8/2017 <0.0555 | | | | | | | | | | | | | |
| Terracon 6/8/2017 <0.0555 <0.0083 <0.0013 0.345 <0.0063 <0.0068 <0.0043 <0.0013 <0.0026 <0.0093 0.35 Appleton 11/9/2017 <0.060 | | | | | | | | | | | | | |
| Appleton 11/9/2017 <0.060 0.001 0.010 0.770 <0.010 <0.007 <0.030 <0.002 <0.020 <0.010 NA Appleton 5/22/2018 NA <0.015 | | | | | | | | | | | | | |
| Terracon 6/7/2018 0.0713 J <0.0083 <0.0013 0.382 <0.0063 <0.014 <0.0043 <0.00013 <0.0026 <0.0093 0.383 Appleton 11/14/2018 NA 0.020 0.001 0.325 0.004 <0.009 | Appleton | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | |
| Appleton 4/18/2019 NA <0.015 <0.006 0.519 0.005 <0.005 <0.009 <0.002 0.005 <0.002 NA Terracon 7/10/2019 NA 0.0091 J <0.0013 | | | | | | | | | | | | | |
| 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 | | | 0.223 | ~0.0003 | 0.0110 | 0.000 0 | ~0.00013 | 0.0023 J | ~0.0110 | NA |

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

July 19, 2019

Scott Hodgson Terracon, Inc. - Franklin 9856 South 57th Street Franklin, WI 53132

RE: Project: 58117057 MAUTHE Pace Project No.: 40191024

Dear Scott Hodgson:

Enclosed are the analytical results for sample(s) received by the laboratory on July 11, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Tod holtemeyor

Tod Noltemeyer for 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.: 40191024

Green Bay Certification IDs

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 Virginia VELAP ID: 460263 South Carolina Certification #: 83006001 Texas Certification #: T104704529-14-1 Wisconsin Certification #: 405132750 Wisconsin DATCP Certification #: 105-444 USDA Soil Permit #: P330-16-00157 Federal Fish & Wildlife Permit #: LE51774A-0



SAMPLE SUMMARY

Project: 58117057 MAUTHE

Pace Project No.: 40191024

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|-------------|--------|----------------|----------------|
| 40191024001 | OUTFALL-001 | Water | 07/10/19 07:40 | 07/11/19 13:30 |
| 40191024002 | OUTFALL-001 | Water | 07/11/19 07:50 | 07/11/19 13:30 |



SAMPLE ANALYTE COUNT

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40191024

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|-------------|-----------------------|----------|----------------------|------------|
| 40191024001 | OUTFALL-001 | EPA 6010 | TXW | 6 | PASI-G |
| | | EPA 7470 | AJT | 1 | PASI-G |
| | | EPA 335.4 | DAW | 1 | PASI-G |
| 40191024002 | OUTFALL-001 | EPA 6010 | TXW | 1 | PASI-G |
| | | SM 3500-Cr B (Online) | DEY | 1 | PASI-G |



SUMMARY OF DETECTION

Project: 58117057 MAUTHE

Pace Project No.: 40191024

| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
|-------------------------|-----------------------------|--------|-------|--------------|----------------|------------|
| 40191024001 | OUTFALL-001 | | | | | |
| EPA 6010 | Arsenic | 9.1J | ug/L | 25.0 | 07/16/19 23:18 | |
| EPA 6010 | Lead | 6.0J | ug/L | 19.7 | 07/16/19 23:18 | |
| EPA 6010 | Nickel | 2.9J | ug/L | 10.0 | 07/16/19 23:18 | |
| EPA 335.4 | Cyanide | 0.011J | mg/L | 0.023 | 07/16/19 14:31 | В |
| 40191024002 | OUTFALL-001 | | | | | |
| EPA 6010 | Chromium | 229 | ug/L | 10.0 | 07/16/19 23:20 | |
| SM 3500-Cr B (Online) | Chromium, Hexavalent | 0.25 | mg/L | 0.043 | 07/11/19 14:05 | |



Project: 58117057 MAUTHE

Pace Project No.: 40191024

Method: EPA 6010

Description:6010 MET ICPClient:Terracon, Inc. - FranklinDate:July 19, 2019

General Information:

2 samples were analyzed for EPA 6010. 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 3010 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.: 40191024

Method: EPA 7470

Description:7470 MercuryClient:Terracon, Inc. - FranklinDate:July 19, 2019

General Information:

1 sample was analyzed for EPA 7470. 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: 58117057 MAUTHE

Pace Project No.: 40191024

Method: SM 3500-Cr B (Online) Description: Chromium, Hexavalent

Client:Terracon, Inc. - FranklinDate:July 19, 2019

General Information:

1 sample was analyzed for SM 3500-Cr B (Online). 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: 58117057 MAUTHE

Pace Project No.: 40191024

Method: EPA 335.4

Description:335.4 Cyanide, TotalClient:Terracon, Inc. - FranklinDate:July 19, 2019

General Information:

1 sample was analyzed for EPA 335.4. 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.

QC Batch: 327559

B: Analyte was detected in the associated method blank.

• BLANK for HBN 327559 [WETA/515 (Lab ID: 1902110)

Cyanide

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: 327559

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40190890001,40191148006

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

- MS (Lab ID: 1902112)
 - Cyanide
- MS (Lab ID: 1902114)
- Cyanide
- MSD (Lab ID: 1902113)
 - Cyanide
- MSD (Lab ID: 1902115)
 - Cyanide
- R1: RPD value was outside control limits.
 - MS (Lab ID: 1902114)
 - Cyanide
 - MSD (Lab ID: 1902115)
 - Cyanide

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.: 40191024

| Sample: OUTFALL-001 | Lab ID: | 40191024001 | Collected | : 07/10/19 | 9 07:40 | Received: 07/ | (11/19 13:30 M | atrix: Water | |
|----------------------|------------|---------------|--------------|------------|----------|----------------|----------------|--------------|------|
| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010 MET ICP | Analytical | Method: EPA 6 | 010 Prepara | ation Meth | od: EPA | 3010 | | | |
| Arsenic | 9.1J | ug/L | 25.0 | 8.3 | 1 | 07/16/19 06:51 | 07/16/19 23:18 | 7440-38-2 | |
| Cadmium | <1.3 | ug/L | 5.0 | 1.3 | 1 | 07/16/19 06:51 | 07/16/19 23:18 | 7440-43-9 | |
| Copper | <6.3 | ug/L | 20.0 | 6.3 | 1 | 07/16/19 06:51 | 07/16/19 23:18 | 7440-50-8 | |
| Lead | 6.0J | ug/L | 19.7 | 5.9 | 1 | 07/16/19 06:51 | 07/16/19 23:18 | 7439-92-1 | |
| Nickel | 2.9J | ug/L | 10.0 | 2.6 | 1 | 07/16/19 06:51 | 07/16/19 23:18 | 7440-02-0 | |
| Zinc | <11.6 | ug/L | 40.0 | 11.6 | 1 | 07/16/19 06:51 | 07/16/19 23:18 | 7440-66-6 | |
| 7470 Mercury | Analytical | Method: EPA 7 | 470 Prepara | ation Meth | od: EPA | 7470 | | | |
| Mercury | <0.084 | ug/L | 0.28 | 0.084 | 1 | 07/15/19 10:15 | 07/16/19 09:41 | 7439-97-6 | |
| 335.4 Cyanide, Total | Analytical | Method: EPA 3 | 35.4 Prepar | ation Meth | nod: EP/ | A 335.4 | | | |
| Cyanide | 0.011J | mg/L | 0.023 | 0.0068 | 1 | 07/16/19 08:35 | 07/16/19 14:31 | 57-12-5 | В |
| Sample: OUTFALL-001 | Lab ID: | 40191024002 | Collected | : 07/11/19 | 9 07:50 | Received: 07/ | (11/19 13:30 M | atrix: Water | |
| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010 MET ICP | Analytical | Method: EPA 6 | 010 Prepara | ation Meth | od: EPA | 3010 | | | |
| Chromium | 229 | ug/L | 10.0 | 2.5 | 1 | 07/16/19 06:51 | 07/16/19 23:20 | 7440-47-3 | |
| Chromium, Hexavalent | Analytical | Method: SM 35 | 500-Cr B (On | lline) | | | | | |
| Chromium, Hexavalent | 0.25 | mg/L | 0.043 | 0.013 | 2.5 | | 07/11/19 14:05 | | |



| Project: | 58117057 MAUTH | Ξ | | | | | | | | | | |
|-------------------------------------|------------------|--|-----------------------------|--------------|----------------------|--------------|-------------------|---------------------|---------------------|-----|------------|------|
| Pace Project No.: | 40191024 | | | | | | | | | | | |
| QC Batch: | 327466 | | Analys | sis Metho | d: E | PA 7470 | | | | | | |
| QC Batch Method: | EPA 7470 | | Analys | sis Descri | ption: 7 | 470 Mercu | ry | | | | | |
| Associated Lab Sa | mples: 401910240 | 001 | | | | | | | | | | |
| METHOD BLANK: | 1901818 | | | Matrix: W | ater | | | | | | | |
| Associated Lab Sa | mples: 401910240 | 001 | | | | | | | | | | |
| | | | Blan | | Reporting | | | | | | | |
| Para | meter | Units | Resu | lt | Limit | Analy | /zed | Qualifier | S | | | |
| Mercury | | ug/L | < | 0.084 | 0.28 | 8 07/16/19 | 9 09:23 | | | | | |
| | | | | | | | | | | | | |
| LABORATORY CO | NTROL SAMPLE: | 1901819 | | | | | | | | | | |
| LABORATORY CO | NTROL SAMPLE: | 1901819 | Spike | LC | s | LCS | % R | ec | | | | |
| | NTROL SAMPLE: | 1901819 Units | Spike Conc. | LC Res | - | LCS % Rec | % Re Limi | | Qualifiers | | | |
| | | | | Res | - | | Limi | | Qualifiers | | | |
| Para | | Units ug/L | Conc. | Res | sult | % Rec | Limi | ts | Qualifiers | _ | | |
| Para | meter | Units ug/L | Conc. | Res | 4.9 | % Rec | Limi | ts | Qualifiers | _ | | |
| Para Mercury MATRIX SPIKE & N | MATRIX SPIKE DUP | Units ug/L LICATE: 1901 40191024001 | Conc. 820 MS Spike | MSD Spike | 4.9 1901821 MS | % Rec | Zimi 7 8 MS | ts 35-115 MSD | Qualifiers % Rec | _ | Max | |
| Para | MATRIX SPIKE DUP | Units ug/L LICATE: 1901 | - Conc. 5 820 MS | MSD | 4.9 1901821 | % Rec 97 | 7 | ts | | 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: 58117057 MAUTHE

Pace Project No.: 40191024

| QC Batch: 327590 | | Analysis I | Method: | EF | PA 6010 | | | |
|----------------------------------|-------------------|------------|--------------|------|-------------|--------|------------|--|
| QC Batch Method: EPA 3010 | | Analysis I | Description: | 60 | 10 MET | | | |
| Associated Lab Samples: 40191024 | 1001, 40191024002 | | | | | | | |
| METHOD BLANK: 1902248 | | Mat | rix: Water | | | | | |
| Associated Lab Samples: 40191024 | 001, 40191024002 | | | | | | | |
| | | Blank | Report | ng | | | | |
| Parameter | Units | Result | Limi | | Analyze | d Qual | lifiers | |
| Arsenic | ug/L | <8> | 3.3 | 25.0 | 07/16/19 22 | 2:41 | | |
| Cadmium | ug/L | <1 | .3 | 5.0 | 07/16/19 22 | 2:41 | | |
| Chromium | ug/L | <2 | 2.5 | 10.0 | 07/16/19 22 | 2:41 | | |
| Copper | ug/L | <6 | 5.3 | 20.0 | 07/16/19 22 | 2:41 | | |
| Lead | ug/L | <5 | 5.9 | 19.7 | 07/16/19 22 | 2:41 | | |
| Nickel | ug/L | <2 | 2.6 | 10.0 | 07/16/19 22 | 2:41 | | |
| Zinc | ug/L | <11 | .6 | 40.0 | 07/16/19 22 | 2:41 | | |
| LABORATORY CONTROL SAMPLE: | 1902249 | | | | | | | |
| | | Spike | LCS | | LCS | % Rec | | |
| Parameter | Units | Conc. | Result | ç | % Rec | Limits | Qualifiers | |
| Arsenic | ug/L | 500 | 466 | ; | 93 | 80-120 | | |
| Cadmium | ug/L | 500 | 478 | 5 | 96 | 80-120 | | |
| | | | | | | | | |

| Cadmium | ug/L | 500 | 478 | 96 | 80-120 | |
|----------|------|-----|-----|----|--------|--|
| Chromium | ug/L | 500 | 483 | 97 | 80-120 | |
| Copper | ug/L | 500 | 488 | 98 | 80-120 | |
| Lead | ug/L | 500 | 482 | 96 | 80-120 | |
| Nickel | ug/L | 500 | 490 | 98 | 80-120 | |
| Zinc | ug/L | 500 | 494 | 99 | 80-120 | |
| | - | | | | | |

| MATRIX SPIKE & MATRIX S | | CATE: 1902 | 250 | | 1902251 | | | | | | | |
|-------------------------|-------|-------------|-------|-------|---------|--------|-------|-------|--------|-----|-----|------|
| | | | MS | MSD | | | | | | | | |
| | 4 | 40191231006 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | |
| Parameter | Units | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual |
| Arsenic | ug/L | <25.0 | 500 | 500 | 475 | 487 | 93 | 95 | 75-125 | 3 | 20 | |
| Cadmium | ug/L | <5.0 | 500 | 500 | 488 | 493 | 98 | 99 | 75-125 | 1 | 20 | |
| Chromium | ug/L | <10.0 | 500 | 500 | 486 | 489 | 97 | 98 | 75-125 | 1 | 20 | |
| Copper | ug/L | <20.0 | 500 | 500 | 503 | 502 | 100 | 100 | 75-125 | 0 | 20 | |
| Lead | ug/L | <19.7 | 500 | 500 | 490 | 497 | 98 | 99 | 75-125 | 1 | 20 | |
| Nickel | ug/L | <10.0 | 500 | 500 | 496 | 498 | 98 | 98 | 75-125 | 0 | 20 | |
| Zinc | ug/L | <40.0 | 500 | 500 | 510 | 513 | 99 | 99 | 75-125 | 0 | 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

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| Project: | 58117057 MAUTH | ΗE | | | | | | | | | | |
|--------------------|------------------|---------------|----------------|------------|--------------------|--------------|--------------|-----------|------------|-----|-----|------|
| Pace Project No .: | 40191024 | | | | | | | | | | | |
| QC Batch: | QC Batch: 327271 | | | | d: S | SM 3500-Ci | B (Online) |) | | | | |
| QC Batch Method: | SM 3500-Cr B (0 | Online) | Analy | sis Descri | ption: C | Chromium, | Hexavalent | t by 3500 | | | | |
| Associated Lab Sam | ples: 40191024 | 1002 | | | | | | | | | | |
| METHOD BLANK: | 1900103 | | | Matrix: W | ater | | | | | | | |
| Associated Lab Sam | ples: 40191024 | 1002 | | | | | | | | | | |
| Param | eter | Units | Blar Res | | Reporting Limit | Analy | /zed | Qualifier | s | | | |
| Chromium, Hexavale | | mg/L | | | 0.017 | | | Quantor | | | | |
| ,, | | | | | | | | | | | | |
| LABORATORY CON | ITROL SAMPLE: | 1900104 | | | | | | | | | | |
| Param | lotor | Units | Spike Conc. | LC Res | - | LCS % Rec | % Re Limi | | Qualifiers | | | |
| Chromium, Hexavale | | mg/L | 0. | | 0.30 | 99 | | 90-110 | Quantero | _ | | |
| | | | 405 | | 4000400 | | | | | | | |
| MATRIX SPIKE & M | ATRIX SPIKE DUI | PLICATE: 1900 | MS | MSD | 1900106 | | | | | | | |
| | | 40191024002 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | |
| | Units | s Result | Conc. | Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual |
| Parameter | Onits | | | | | | | | | | | |

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: | 58117057 MAUTH | E | | | | | | | | | | |
|--------------------|------------------|--------------|-------|-------------|-----------|------------|------------|-----------|------------|-----|-----|-------|
| Pace Project No.: | 40191024 | | | | | | | | | | | |
| QC Batch: | 327559 | | Analy | ysis Metho | d: E | EPA 335.4 | | | | | | |
| QC Batch Method: | EPA 335.4 | | Anal | ysis Descri | ption: 3 | 335.4 Cyan | ide, Total | | | | | |
| Associated Lab San | nples: 40191024 | 001 | | | | | | | | | | |
| METHOD BLANK: | 1902110 | | | Matrix: W | ater | | | | | | | |
| Associated Lab San | nples: 40191024 | 001 | | | | | | | | | | |
| | | | Blai | | Reporting | | | | | | | |
| Paran | neter | Units | Res | ult | Limit | Anal | yzed | Qualifier | s | | | |
| Cyanide | | mg/L | 0 | .0079J | 0.023 | 3 07/16/1 | 9 14:07 | | | | | |
| LABORATORY COM | NTROL SAMPLE: | 1902111 | | | | | | | | | | |
| | | | Spike | LC | S | LCS | % R | ec | | | | |
| Paran | neter | Units | Conc. | Res | sult | % Rec | Limi | ts (| Qualifiers | | | |
| Cyanide | | mg/L | 0 | .1 | 0.092 | 9 | 2 | 90-110 | | | | |
| MATRIX SPIKE & M | IATRIX SPIKE DUP | LICATE: 1902 | 112 | | 1902113 | | | | | | | |
| | | | MS | MSD | | | | | | | | |
| _ | | 40190890001 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | |
| Parameter | Units | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual |
| Cyanide | mg/L | 0.14 | 0.6 | 0.6 | 0.58 | 0.59 | 74 | 76 | 90-110 | 2 | 20 | M0 |
| MATRIX SPIKE & N | IATRIX SPIKE DUP | LICATE: 1902 | 114 | | 1902115 | | | | | | | |
| | | | MS | MSD | | | | | | | | |
| | | 40191148006 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | |
| Parameter | Units | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual |
| Cyanide | mg/L | 0.041J | 0.6 | 0.6 | 0.56 | 0.45 | 87 | 68 | 90-110 | 22 | 20 | M0,R1 |

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.: 40191024

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.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

- B Analyte was detected in the associated method blank.
- M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
- R1 RPD value was outside control limits.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40191024

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|----------------------------|----------------------------|-----------------------|------------------|----------------------|---------------------|
| 40191024001 40191024002 | OUTFALL-001 OUTFALL-001 | EPA 3010 EPA 3010 | 327590 327590 | EPA 6010 EPA 6010 | 327699 327699 |
| 40191024001 | OUTFALL-001 | EPA 7470 | 327466 | EPA 7470 | 327540 |
| 40191024002 | OUTFALL-001 | SM 3500-Cr B (Online) | 327271 | | |
| 40191024001 | OUTFALL-001 | EPA 335.4 | 327559 | EPA 335.4 | 327624 |

| | (Please Print Clearly |) | | | - | | | | | | - Cardense | R MIDWES | | | Page 1 | l of |
|---------------------------------------|---|---|---|------------------|----------------|---------------|--------------------|---------------------|-------------|---------|------------|-------------|----------------------------|---------------|--------------------------------|-----------------------|
| ompany Nam | - Cr acov. | | | | | • A n: | alytic | ·218 | | | Min: c |)12-607-170 | 00 WI: 920-469-2436 |) 1 | 40191024 | ц į |
| ranch/Locati | TULUCC | |] / | /_/ | rau | | acelabs. | | | | | | | | 4019100 | |
| Project Contac | ot: Scott Hud | eson | 1 1 | | | | | | | | | | Quote #: | | | ć |
| Phone: | 414-204-7 | 440 | | C | <u>;H/</u> | AIN | OF | <u>- C</u> | <u>US</u> | TO | DY | <u></u> | Mail To Conta | ict: | | |
| Project Numbe | | | A⊐N | lone B=l | HCL C: | =H2SO4 | *Preserve D=HNO | ation Cod 3 E=DI | | F≕Metha | nol G=N | laOH | Mail To Compa | any: | Jane | |
| Project Name: | | | <u> </u> н=s | Sodium Bisul | lfate Solu | tion | I=Sodiur | m Thiosulf | fate . | J=Other | | | Mail To Addre | ss: | | |
| Project State: | WI | | | ERED? S/NO) | . Y/N | N | N | N | N | | | | | | | |
| Sampled By (P | · · · · · | Udason | | RVATION DDE)* | Pick Letter | | D | D | G | | | | Invoice To Con | tact: | | |
| ampled By (S | an an an an an an an an an an an an an a | | | | | 1., | | | | | | | Invoice To Com | pany: | | |
| PO #: | 7200 1.1 | Regulatory Program: | | | sted | S | 6 | | | | | | Invoice To Addr | ress: | | |
| Data Packag | te Options MS/MSD | | trix Code | 8 | = nb | ž | 3 | | | | | | | | N | |
| | ble) On your sa | mple A = Air B = Blota | W = Water DW = Drink | ding Water | S Re | Chank | 6 | 5 | 10 | S | | | | | | |
| | (Diliable | d on 0=0il | GW = Grou SW = Surfa | ice Water | lyse | | 5 | - 3 | 12 | | | | Invoice To Pho | | | |
| PACE LAB # | CLIENT FIELD II | ple SI = Sludge | WW = Was WP = Wipe ECTION TIME | | Analys | ¥ ¥ | ESS ESS | Mercury | Cyanidr | total | | | CLIENT COMMENT | | LAB COMMENTS (Lab Use Only) | Profile # |
| 001 | OUT FALL-OO | | 0740 | (410) | | 1200 | 1-250 | 1-,)50 | 1-350 | | | | Al no lenger | ~ | | |
| | OUT FALL-QUI | | 0750 | | | | 100 | | | 1-250 | | | | | | |
| | <u></u> | | | | | 1 | | | | | | | | | 0 | |
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| | | | | | 5 | | | | | | | | | | | |
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| | | | | | - | | | | | | | | | | | |
| | | | | | | | | | | | | | 1 | | | |
| Rush Turr | naround Time Requested - | Prelims Relin | quished By; | | | I | 7/ | 11-19 | | | Received | By: | Dgte/ | Time: | PACE Pr | roject No. |
| (Rush TA | AT subject to approval/surc Date Needed: | harge) | quished By: | A.N | ody | son | <u>.</u> | chq' | | 30 | Received | hi | fur 1/11 Dater | // ¶ Time: | 2945 YOL9 | 1024 |
| a start a second start and the second | m Rush Results by (complete wha | the second second second second second second second second second second second second second second second se | <u></u> | L | P | m | | 119 | - <i>VS</i> | 30 | Received | 1 Ar | Jun M | <u>{[]}</u> | 1330 Receipt Temp = | LDI °° |
| mail #1: mail #2: | | Rein | quished By: | | V | | Uai | e/ 11110. | | | Naceivad | ву. | Date | 11110 | | tecelpt pH |
| elephone: | | Relind | quished By: | | | | Dat | te/Time: | | | Received | By: | Date/ | Time: | OK) A | djusted stødv Seal |
| | mples on HOLD are subject to al pricing and release of ilability | Relino | quished By: | | | | Dat | e/Time: | | | Received | By: | Date/ | Time: | Present / N | |

| Cli | ent | Na | | | needin | | | ▲ <u>Co</u> on have | | | | | below | mpl : 4Yes : (00 | Pro | | t # | | M | 01 | 9 | 10 | n 25 pH adj | | 405 | 43 | <u>1</u> | | | when | 1241 8 | Bellevue Green | I Services, LLG Street, Suite Bay, WI 54302 MILL 335 |
|--|--|--|--|---|--|------|-------|--|----------------------------------|---|---|--|--------------|------------------------|---------|----------------------------------|----------------------|--|-------------------------------------|---|---------------------------------------|--------------|-------------------|----------------------------|----------------------|-------------------------------|-----------------------------|--------------------------|------------------------|-------------|------------|-------------------|--|
| Pace Lab# | AGIU | AGIH | AG4S | Glas 9C40 | AGSU " | AG2S | BG3U | BP1U | BP2N | BP2Z | Plast NEdg | | BP3N | BP3S | DG9A | DG9T | VG9U S | als H6DA | VG9M | VG9D | JGFU | Jars NGFU | | SP5T o | zPLC | al NG | VOA Vials (>6mm) * | H2SO4 pH ≤2 | NaOH+Zn Act pH ≥9 | NaOH pH ≥12 | HNO3 pH ≤2 | pH after adjusted | Volume (mL) |
| 001 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 | 1 | | 2.5/5/10 |
| 002 | | | | | | | | | | | 1 | |) | | | | | | | | | | | | | | | | | | 6 | O | 2.5/5/10 |
| 003 | 1 | | | | | | | | | | | | | 1465 | | | | | | | | | | | | | | | | | 문제 | | 2.5 / 5 / 10 |
| 004 | | \geq | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 006 | | | | | \succ | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 007 | | | | | | | | | | | | 1 1 ¹ | | | | | | | | | 14514 10405 10 | | <u> </u> | | | | | | | | | | 2.5 / 5 / 10 |
| 008 | | | | | | | | / | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 009 | | | | | | | | | | \geq | | | | | | | | | 1 | | us ^a g | | | | | | | | | | | | 2.5 / 5 / 10 |
| 010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 011 | | | | | | | | | | ÷ | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 012 | | | | | | | | | | | | | | | \sum | 1 | | | | 7/ | 111 | Pr | | | | | | | | | | | 2.5/5/10 |
| 013 | | | | | | | | | | | | L | | | | | \sim | | | | 3, | | | | - | | | | | | | | 2.5 / 5 / 10 |
| 014 | | | | | | | | | | | | | | | | | | | | / | | | | | | | 1 | | | | | | 2.5/5/10 |
| 015 | | | | | | | | | | | | | | | | | | | | | | \sim | | | | | | | | | | | 2.5 / 5 / 10 |
| 016 | | | | | | | | | | | | | | | | | | | | | | | | / | | | | | | | | | 2.5 / 5 / 10 |
| 017 | | | | | | | | | | | | | | | | | | | | | | | | | \geq | \leq | | | | | | | 2.5/5/10 |
| 018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | / | | | | | 2.5 / 5 / 10 |
| 019 | | | | | | | | | | Ţ. | | | | | | | | | | | | 0,2453, 4144 | | | | | | | \geq | | | | 2.5 / 5 / 10 |
| 020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | / | ~ ` | 2.5/5/10 |
| Ex | ceptio | ns to r | oreserv | vation (| check: | VOA, | Colif | orm, T | юс, т | ΌΧ, Τ | юн, о | 0&G, V | VIDRO | D, Pher | nolics, | Other: | | | · . | He | adspac | e in V | OA V | als (>6 | (mm) : | □Yes | ⊡No | N/A | *If yes | s look i | n headsj | nace coli | umn |
| AG1U AG1H AG4S AG4U AG5U AG2S BG3U | 1 lite 1 lite 125 r 120 r 100 r 500 r | r amb r amb nL an nL an nL an nL an | ber gla ber gla nber g nber g nber g nber g | iss ass HC glass F glass u glass u glass F | CL 12SO4 inpres inpres 12SO4 | 1 | | BP BP BP BP BP BP BP | 1U 2N 2Z 3U 3B 3N | 1 lite 500 m 500 m 250 m 250 m 250 m | r plast nL pla nL pla nL pla nL pla nL pla | tic unj astic H astic N astic u astic N astic H | ores INO3 | Znact | | DG DG VG VG VG VG | 9T 9U 9H 9M | 40 ml 40 ml 40 ml 40 ml 40 ml 40 ml | L amb L clea L clea L clea | er asc er Na r vial r vial r vial | orbic Thio unpre HCL MeOI | S | | JG WG WP SP ZP | FU FU FU 5T | 4 oz 4 oz 4 oz 120 r | amber clear j plastic | jar u ar unj jar u | npres ores npres | osulfat | | | |

• .

F-GB-C-046-Rev.02 (29Mar2018) Sample Preservation Receipt Form

Page <u>1</u> of <u>2</u>

| Pace Analytical [®] 1241 Bellevue Street, Green Bay, WI 5430 | 1 | cument No.: - C-031-Rev.07 | | uing Authority: en Bay Quality Office |
|--|-------------------|--|-------------------|--|
| T241 Delievide Otreet, Green Day, WI 3430 | <u>-00</u> | | | c. buy eadiny office |
| Sample | Condition Up | on Receipt Form | (SCUR) | |
| Client Name: Terra (Dh | | Project #: | 1104. | 10101021 |
| Client Name: <u>Jerra Lon</u> Courier: □ CS Logistics □ Fed Ex □ Speed | | Waltco | WUH · · | 40191024 |
| Client Pace Other: | | Walteo | | |
| Fracking #: | | | 40191024 | |
| Custody Seal on Cooler/Box Present: 🔽 yes | ~ (| | See | |
| Custody Seal on Samples Present: 🔽 yes 🛛 | | xt: □ yes □ no | | |
| Packing Material: 🔲 Bubble Wrap 🔲 Bub Fhermometer Used SR - NIA | - · · | ne L Other Blue Dry None | Samples on | ice, cooling process has begun |
| Cooler Temperature Uncorr: Lo] /Corr: | |) Blue Bly None | V Gampies on | ice, cooling process has begun |
| Femp Blank Present: 🗍 yes 🏹 no | Biologica | Tissue is Frozen: | yes no | Person examining content |
| Femp should be above freezing to 6°C. Biota Samples may be received at ≤ 0°C. | | | | Date://///2 Initials:/G |
| Chain of Custody Present: | ZYes No N | A 1. | | |
| Chain of Custody Filled Out: | □Yes 🗖 No □N/ | A 2. Us on # | | 7/11/91 |
| Chain of Custody Relinquished: | 1 | A 3. | | |
| Sampler Name & Signature on COC: | ZYes No N | A 4. | | |
| Samples Arrived within Hold Time: | ØYes □No | 5. | | |
| - VOA Samples frozen upon receipt | □Yes □No | Date/Time: | | |
| Short Hold Time Analysis (<72hr): | Yes No | 6. | | |
| Rush Turn Around Time Requested: | □Yes ZNo | 7. | | |
| Sufficient Volume: | | 8. | | |
| For Analysis: ⊉Yes □No MS/MS | D: Yes ZNO N | A | | |
| Correct Containers Used: | ØYes □No | 9. | | |
| -Pace Containers Used: | | | | |
| -Pace IR Containers Used: | | A | | |
| Containers Intact: | ØYes □No | 10. | | |
| Filtered volume received for Dissolved tests | | A 11. | surala ~ ~ | looble ink - smol |
| Sample Labels match COC: | YYes □No □N/ W | A 12. CILENT USE | ~ ~~ | in in the - Juroc |
| -Includes date/time/ID/Analysis Matrix: Irip Blank Present: | | 12 | | 7//// |
| Trip Blank Custody Seals Present | | | | |
| Pace Trip Blank Lot # (if purchased): | | | | |
| Client Notification/ Resolution: | | | ecked, see attach | ed form for additional comments |
| Person Contacted: Comments/ Resolution: | Date | e/Time: | | |
| | | ······································ | | · · · · · · · · · · · · · · · · · · · |
| | | | • | |
| | | ~ ~ ~ | | |
| Project Manager Review: | AL | or DM | Date: | 7/1/19 |



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

August 14, 2019

Scott Hodgson Terracon, Inc. - Franklin 9856 South 57th Street Franklin, WI 53132

RE: Project: 58117057 MAUTHE Pace Project No.: 40192556

Dear Scott Hodgson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 07, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Day Milent

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.: 40192556

Green Bay Certification IDs

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 Virginia VELAP ID: 460263 South Carolina Certification #: 83006001 Texas Certification #: T104704529-14-1 Wisconsin Certification #: 405132750 Wisconsin DATCP Certification #: 105-444 USDA Soil Permit #: P330-16-00157 Federal Fish & Wildlife Permit #: LE51774A-0



SAMPLE SUMMARY

Project: 58117057 MAUTHE

Pace Project No.: 40192556

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|-------------|--------|----------------|----------------|
| 40192556001 | OUTFALL-001 | Water | 08/07/19 07:30 | 08/07/19 15:40 |



SAMPLE ANALYTE COUNT

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40192556

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|-------------|-----------------------|----------|----------------------|------------|
| 40192556001 | OUTFALL-001 | EPA 6010 | TXW | 1 | PASI-G |
| | | SM 3500-Cr B (Online) | DEY | 1 | PASI-G |



SUMMARY OF DETECTION

Project: 58117057 MAUTHE

Pace Project No.: 40192556

| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
|-----------------------------------|----------------------------------|-------------|--------------|---------------|----------------------------------|------------|
| 40192556001 | OUTFALL-001 | | | | | |
| EPA 6010 SM 3500-Cr B (Online) | Chromium Chromium, Hexavalent | 383 0.37 | ug/L mg/L | 10.0 0.043 | 08/13/19 12:03 08/07/19 16:10 | |



PROJECT NARRATIVE

Project: 58117057 MAUTHE

Pace Project No.: 40192556

Method: EPA 6010

Description:6010 MET ICPClient:Terracon, Inc. - FranklinDate:August 14, 2019

General Information:

1 sample was analyzed for EPA 6010. 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 3010 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: 58117057 MAUTHE

Pace Project No.: 40192556

| Method: | SM 3500-Cr B (Online) |
|---------------------|------------------------|
| Description: | Chromium, Hexavalent |
| Client: | Terracon, Inc Franklin |
| Date: | August 14, 2019 |

General Information:

1 sample was analyzed for SM 3500-Cr B (Online). 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.: 40192556

| Sample: OUTFALL-001 | Lab ID: | 40192556001 | Collected | d: 08/07/19 | 9 07:30 | Received: 08/ | 07/19 15:40 M | atrix: Water | |
|----------------------|------------|---------------|-------------|-------------|---------|----------------|----------------|--------------|------|
| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010 MET ICP | Analytical | Method: EPA 6 | 010 Prepar | ration Meth | od: EPA | 3010 | | | |
| Chromium | 383 | ug/L | 10.0 | 2.5 | 1 | 08/09/19 07:14 | 08/13/19 12:03 | 7440-47-3 | |
| Chromium, Hexavalent | Analytical | Method: SM 35 | 500-Cr B (O | nline) | | | | | |
| Chromium, Hexavalent | 0.37 | mg/L | 0.043 | 0.013 | 2.5 | | 08/07/19 16:10 | | |



QUALITY CONTROL DATA

| Project: | 58117057 MAUTH | IE | | | | | | | | | | |
|--------------------|------------------|---------------|-------|------------|-----------|-----------|---------|-----------|------------|-----|-----|------|
| Pace Project No.: | 40192556 | | | | | | | | | | | |
| QC Batch: | 330117 | | Anal | ysis Metho | od: E | EPA 6010 | | | | | | |
| QC Batch Method: | EPA 3010 | | Anal | ysis Descr | iption: 6 | 6010 MET | | | | | | |
| Associated Lab San | nples: 40192556 | 001 | | | | | | | | | | |
| METHOD BLANK: | 1915639 | | | Matrix: V | Vater | | | | | | | |
| Associated Lab San | nples: 40192556 | 001 | | | | | | | | | | |
| | | | Bla | nk | Reporting | | | | | | | |
| Paran | neter | Units | Res | ult | Limit | Anal | yzed | Qualifier | S | | | |
| Chromium | | ug/L | | <2.5 | 10.0 | 0 08/13/1 | 9 11:42 | | | | | |
| LABORATORY COM | NTROL SAMPLE: | 1915640 | | | | | | | | | | |
| | | | Spike | L | CS | LCS | % R | ec | | | | |
| Paran | neter | Units | Conc. | Re | sult | % Rec | Limi | ts | Qualifiers | _ | | |
| Chromium | | ug/L | 50 | 00 | 505 | 10 | 1 8 | 30-120 | | | | |
| MATRIX SPIKE & M | IATRIX SPIKE DUP | PLICATE: 1915 | 641 | | 1915642 | | | | | | | |
| | | | MS | MSD | | | | | | | | |
| | | 40192551001 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | |
| Parameter | Units | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual |
| Chromium | ug/L | <2.5 | 500 | 500 | 500 | 499 | 100 | 100 | 75-125 | 0 | 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: | 58117057 MAUTH | IE | | | | | | | | | | |
|---------------------|-----------------|---------------|-------|------------|-----------|----------|--------------|-----------|------------|-----|-----|------|
| Pace Project No.: | 40192556 | | | | | | | | | | | |
| QC Batch: | 329903 | | Anal | ysis Metho | od: S | M 3500-C | r B (Online) |) | | | | |
| QC Batch Method: | SM 3500-Cr B (C | Online) | Anal | ysis Descr | iption: C | hromium, | Hexavalent | t by 3500 | | | | |
| Associated Lab Samp | oles: 40192556 | 001 | | | | | | | | | | |
| METHOD BLANK: | 1914228 | | | Matrix: W | Vater | | | | | | | |
| Associated Lab Samp | oles: 40192556 | 001 | | | | | | | | | | |
| | | | Bla | | Reporting | | | | | | | |
| Parame | eter | Units | Res | ult | Limit | Analy | yzed | Qualifie | rs | | | |
| Chromium, Hexavale | nt | mg/L | < | 0.0051 | 0.017 | 08/07/1 | 9 11:00 | | | | | |
| LABORATORY CON | TROL SAMPLE: | 1914229 | | | | | | | | | | |
| | | | Spike | LC | CS | LCS | % R | ес | | | | |
| Parame | eter | Units | Conc. | Re | sult | % Rec | Limi | ts | Qualifiers | | | |
| Chromium, Hexavale | nt | mg/L | 0 | .3 | 0.29 | 9 | 6 9 | 90-110 | | | | |
| MATRIX SPIKE & MA | TRIX SPIKE DUF | PLICATE: 1914 | 230 | | 1914231 | | | | | | | |
| | | | MS | MSD | | | | | | | | |
| Demonster | 11-11- | 40192470002 | Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | 0 |
| Parameter | Units | Result | Conc. | Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | Qual |
| Chromium, Hexavaler | nt mg/L | < 0.051 | 3 | 3 | 2.9 | 2.8 | 97 | 95 | 5 90-110 | 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.



QUALIFIERS

Project: 58117057 MAUTHE

Pace Project No.: 40192556

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.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay



QUALITY CONTROL DATA CROSS REFERENCE TABLE

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40192556

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-------------|-----------------------|----------|-------------------|---------------------|
| 40192556001 | OUTFALL-001 | EPA 3010 | 330117 | EPA 6010 | 330228 |
| 40192556001 | OUTFALL-001 | SM 3500-Cr B (Online) | 329903 | | |

| Company Na Branch/Locat | ume: 7 | e Print Clearly) Crecan A. Juran Kee cott Hodgse 19-209-264 | | | | P ace | Ana | | | | | | | <u>WEST R</u> 7-1700 | <u>EGION</u> WI: 920- | 469-2436 | ų | Page , D Q 7 S | 1 of Sle |
|----------------------------|------------------------------------|---|--|---|------------------|--------------------|----------|-------------|------------|----------------|-----------------|----------------------|--------|-------------------------|--------------------------|-------------|----------|---|--|
| Project Conta | act: S | cott Hudos | 24 | | | | www.p | ecelabs. | com | | | | | | Q | uote #: | | | Ĺ |
| Phone: | 4 | 14-209-761 | N- | | C | CH/ | AIN | OF | - C | US' | ΤO | DY | 7 | | Mail | Fo Contact: | 1 | | |
| Project Numb | ber: S | 8117057 | <u>ю </u> | A≠N | | HCL C: | | *Preserv | ation Cod | 103 | | nol G=1 | |] | Mail T | o Company: | | ant | |
| Project Name | | auth- | | 2000 CONT 2000 CO | iodium Bisu | | | | m Thiosulf | | -Weuna Other | | | _ | Mail T | o Address: | | 1 | |
| Project State: | <u> </u> | <u>uuiny</u> | | | ERED? | Y/N | | | Γ | | | | Т | | | | | 1 | |
| | | THedgson, | | PRESE | S/NO) RVATION | Pick | | A | | | | | | | Invoice | To Contact: | | | |
| Sampled By (| | HA II. | | (CO |)DE)* | Letter | | | | | | | | | | To Company: | | + | |
| | | WIN. HORA | Regulatory | | | 2 | 1.3 | 5 | | | | | | | | | | <u> </u> | |
| PO #: Data Packa | | | Program: Mati | rix Codes | 8 | Analyses Requested | Chromien | Chomic m | | | | | | | Invoice | To Address: | | 1 | |
| 🗖 EPA | able) A Level III | (billable) | | W = Water DW = Drinki GW = Grour SW = Surfac | nd Water | yses R | | V | | | | | | | Invoic | e To Phone: | | | |
| | A Level IV | | 6 = Soil 61 = Sludge COLLE | WW = Wast WP = Wipe | te Water | Anal | 70ta/ | He X | | | | | | | | LIENT | | OMMENTS Use Only) | Profile # |
| | | FALLOUI | DATE 8/7/17 | | w | | 1250 | | | | | | | | | | (Lav | | <u> </u> |
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| Transmit Preli | | ts by (complete what you wa | | | IN | ne | ' 8 | 171 | 19 | 154 | (0 | . COCOND | \sim | W | l | 8719 | 1540 | | |
| mail #1: | | | | uished By: | -7' | | | Dat | e/Time: | , | | Received | By: | <u>V</u> | | Date/Time: | - | Receipt Temp = | <u>° 105</u> |
| mail #2: elephone: | | | Relina | uished By: | | | | Dat | e/Time: | <u></u> | | Received | Bv: | | | Date/Time: | | Sapaple R | eceipt pH ljusted |
| ax: | | | | | | | | Jan | | | | | -7. | | | | | Cooler Cu | the second second second second second second second second second second second second second second second s |
| | amples on HOLI cial pricing and | D are subject to release of liability | Relinqu | uished By: | | | | Date | e/Time: | | | Received | By: | | | Date/Time: | | Present / N Intact / N Version 6.0 06/14/00 | |

| Cl | ient | | | | | | | <u>Un</u> on have | | ı check | ed and | noted | _ | | | | | tion | n Ro (D) | eceij YZ | pt F | fori (y | n | | | | | | Initia | l when | 1241 E | Bellevue Green Date/ | I Services, LLC 4 Street, Suite 9 5 Bay, WI 54302 7 |
|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------------|-------------------------------------|-------------------------|------|----------|----------------------------|----------------------|----------------------------------|--------------------------------------|--|--------------------------------|---------|---------|----------------------------|----------------------|----------------------------------|----------------------------|--------------------------------------|------------------------------|------------|---------|----------------|----------------|---------------------------|------------------------------|----------------------------|-------------------|-------------|------------|----------------------------|---|
| | r | | | | | . * | | т. Т | : | La | ib Lot# | of pH | paper | 101 | 1503 | 891 | | Lab S | td #ID | of pre | servat | ion (if | pH adj | usted): | | | | | com | oleted: | MH | Time: | · · · |
| | | | | Glass | 5 | | | | | 9. 18. g. g. a | Plast | tic | | | | | Vi | als | | y | | Jars | | Ge | enera | al | -6mm) * | | t pH≥9 | | | ted | Valaria |
| Pace Lab # | AGIU | AG1H | AG4S | AG4U | AGSU | AG2S | BG3U | BP1U | BP2N | BP2Z | BP3U | BP3B | BP3N | BP3S | DG9A | DG9T | VG9U | H6DA | M69M | VG9D | JGFU | WGFU | WPFU | SP5T | ZPLC | S | VOA Vials (>6mm) | H2SO4 pH ≤2 | NaOH+Zn Act pH ≥9 | NaOH pH ≥12 | HNO3 pH ≤2 | pH after adjusted | Volume (mL) |
| 001 | | | | | i dag | | | | | | 1 | | | | | | | | | | | | | | | | | | | | X | | 2.5 / 5 / 10 |
| 002 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | 2.5/5/10 |
| 003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 004 | | | | | | | | | | | | | | | | | | | | | | | $ \geq$ | | | | | | | | | | 2.5/5/10 |
| 005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 006 | | | | | | | | | | ļ | <u> </u> | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 007 | | | | | | | | | | | | | | | | | | Canadana | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
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| 009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 010 | | | | | | | | | | | | | | [| | | | | | | ļ | | | | | | | | | | | | 2.5 / 5 / 10 |
| 011 | | | | | | | | | | | | | | | À | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 012 | | | | | | | | | | | <u> </u> | | | hn+ | 5 | 71 | a | | <u> </u> | | | | | | | | | | | | | | 2.5/5/10 |
| 013 014 | | | | | | | | | a server | 1 | | | | | 724 | 11 | r I | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 014 | | | | | | | | \vdash | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| | ceptio | ons to p | oreserv | vation c | heck: | VOA, | Colif | òrm, T | OC, 1 | TOX, T | ОН, О | &G, W | /I DRO |), Pher | nolics, | Other: | | | | He | adspac | e in V | OA Vi | als (>6 | mm) : | □Yes | □No | ,X 1/A | *If yes | s look i | n headsp | ace colu | |
| AG1U AG1H AG4S AG4U AG5U | 1 lite 125 r 120 r 100 r | r amb mL an mL an mL an | ber gla nber g nber g nber g | ss HC lass H lass u lass u | I2SO4 npres npres | | | BP BP BP BP BP | 2N 2Z 3U 3B | 500 r 500 r 250 n 250 n | nL pla nL pla nL pla nL pla | tic unp astic H astic N astic un astic N | INO3 IaOH, npres IaOH | Znaci | | DG DG VG VG VG | 9T 9U 9H 9M | 40 ml 40 ml 40 ml 40 ml | L clea L clea L clea | oer Na r vial r vial r vial | Thio unpre HCL MeOI | S | | JG WG WP | FU FU 5T | 4 oz o 4 oz j 120 n | clear j plastic nL pla | jar un ar unp jar ur | res ipres | osulfat | e | | |
| AG2S BG3U | 500 r 250 r | nL an nL cle | nber g ear gla | lass H ass un | l2SO4 pres | ÷ | | BP BP | (1) (1) (2) | | | istic H istic H | | | | VG | 9D | 40 mI | L clea | r vial | DI | | | ZPI | LC GN: | ziplo | c bag | | | | | | |

Page <u>1</u> of <u>2</u>

| Pace Analytical | | ıment Name: on Upon Receipt (SCl | JR) Document Re | vised: 25Apr2018 |
|---|---------------|-------------------------------------|--|--|
| | | cument No.: | | Authority: |
| 1241 Bellevue Street, Green Bay, WI 54302 | F-GB | -C-031-Rev.07 | Pace Green E | ay Quality Office |
| Sample C | ondition Upc | on Receipt Form | n (SCUR) | |
| | | Project #: | | |
| Client Name: <u>EYracun</u> | | | WO#:40 | 192556 |
| ourier: 🗖 CS Logistics 🗖 Fed Ex 📘 Speedee | | Valtco | | |
| Client Client Other: | | | | |
| racking #: | | | 40192556 | |
| ustody Seal on Cooler/Box Present: 🔽 yes | | | | |
| ustody Seal on Samples Present: 「 yes IXr acking Material: 「 Bubble Wrap 「 Bubbl | | t: 「 yes 「 no | | |
| | | Blue Dry None | | cooling process has begun |
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| emp should be above freezing to 6° C. iota Samples may be received at $\leq 0^{\circ}$ C. | | | | te:6[_/119 tials:M4 |
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| hain of Custody Filled Out: | | 2. NO Riget | - 81719 mt | |
| hain of Custody Relinquished: | | | | |
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| amples Arrived within Hold Time: | Yes No | 5. | | |
| - VOA Samples frozen upon receipt | Yes No | Date/Time: | | |
| hort Hold Time Analysis (<72hr): | XYes □No | 6. | | |
| ush Turn Around Time Requested: | □Yes 🔏No | 7. | ······································ | n galan an an an an an an an an an an an an a |
| ufficient Volume: | | 8. | | |
| For Analysis: 🔀 🛛 No 🛛 MS/MSD: | | N . | | |
| orrect Containers Used: | Yes DNo | 9. | · · · | |
| -Pace Containers Used: | | | | |
| -Pace IR Containers Used: | | <u></u> | | 14 July 14 Jul |
| ontainers Intact: | Yes 🗆 No | 10. | | |
| iltered volume received for Dissolved tests | | 11. | | |
| ample Labels match COC: | | 12. | | |
| -Includes date/time/ID/Analysis Matrix: | | | | |
| | | 13. | | |
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| ace Trip Blank Lot # (if purchased): lient Notification/ Resolution: | | | ookod and the late | |
| Person Contacted: | Date | /Time: | ecked, see attached for | m for additional comments |
| Comments/ Resolution: | | | | |
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| Project Manager Review: | FOI | 0 | Date: D | all the second |

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

September 10, 2019

Scott Hodgson Terracon, Inc. - Franklin 9856 South 57th Street Franklin, WI 53132

RE: Project: 58117057 MAUTHE Pace Project No.: 40194379

Dear Scott Hodgson:

Enclosed are the analytical results for sample(s) received by the laboratory on September 05, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Day Milent

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.: 40194379

Green Bay Certification IDs

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 Virginia VELAP ID: 460263 South Carolina Certification #: 83006001 Texas Certification #: T104704529-14-1 Wisconsin Certification #: 405132750 Wisconsin DATCP Certification #: 105-444 USDA Soil Permit #: P330-16-00157 Federal Fish & Wildlife Permit #: LE51774A-0



SAMPLE SUMMARY

Project: 58117057 MAUTHE

Pace Project No.: 40194379

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|-------------|--------|----------------|----------------|
| 40194379001 | OUTFALL-001 | Water | 09/05/19 06:55 | 09/05/19 14:10 |



SAMPLE ANALYTE COUNT

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40194379

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|-------------|-----------------------|----------|----------------------|------------|
| 40194379001 | OUTFALL-001 | EPA 6010 | TXW | 1 | PASI-G |
| | | SM 3500-Cr B (Online) | DEY | 1 | PASI-G |



SUMMARY OF DETECTION

Project: 58117057 MAUTHE

Pace Project No.: 40194379

| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
|-----------------------------------|----------------------------------|-------------|--------------|---------------|----------------------------------|------------|
| 40194379001 | OUTFALL-001 | | | | | |
| EPA 6010 SM 3500-Cr B (Online) | Chromium Chromium, Hexavalent | 489 0.48 | ug/L mg/L | 10.0 0.043 | 09/09/19 12:22 09/05/19 14:45 | |



PROJECT NARRATIVE

Project: 58117057 MAUTHE

Pace Project No.: 40194379

Method: EPA 6010

Description:6010 MET ICPClient:Terracon, Inc. - FranklinDate:September 10, 2019

General Information:

1 sample was analyzed for EPA 6010. 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 3010 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: 58117057 MAUTHE

Pace Project No.: 40194379

| Method: | SM 3500-Cr B (Online) |
|---------------------|------------------------|
| Description: | Chromium, Hexavalent |
| Client: | Terracon, Inc Franklin |
| Date: | September 10, 2019 |

General Information:

1 sample was analyzed for SM 3500-Cr B (Online). 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.: 40194379

| Sample: OUTFALL-001 | Lab ID: | 40194379001 | Collected | 1: 09/05/19 | 9 06:55 | Received: 09/ | 05/19 14:10 M | atrix: Water | |
|----------------------|------------|---------------|-------------|-------------|---------|----------------|----------------|--------------|------|
| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010 MET ICP | Analytical | Method: EPA 6 | 010 Prepar | ation Meth | od: EPA | A 3010 | | | |
| Chromium | 489 | ug/L | 10.0 | 2.5 | 1 | 09/06/19 06:21 | 09/09/19 12:22 | 7440-47-3 | |
| Chromium, Hexavalent | Analytical | Method: SM 35 | 500-Cr B (O | nline) | | | | | |
| Chromium, Hexavalent | 0.48 | mg/L | 0.043 | 0.013 | 2.5 | | 09/05/19 14:45 | | |



QUALITY CONTROL DATA

| Project: | 58117057 MAUTH | E | | | | | | | | | | |
|------------------------------|-----------------|--------------|-------------|------------|-----------|---------------|-------------|--------------|-----------------|-----|------------|------|
| Pace Project No.: | 40194379 | | | | | | | | | | | |
| QC Batch: | 332977 | | Analy | sis Metho | od: E | PA 6010 | | | | | | |
| QC Batch Method: | EPA 3010 | | Analy | ysis Descr | iption: 6 | 010 MET | | | | | | |
| Associated Lab Sar | mples: 40194379 | 001 | | | | | | | | | | |
| METHOD BLANK: | 1932785 | | | Matrix: W | /ater | | | | | | | |
| Associated Lab Sar | mples: 40194379 | 001 | | | | | | | | | | |
| | | | Blar | nk | Reporting | | | | | | | |
| Parar | neter | Units | Res | ult | Limit | Anal | /zed | Qualifie | rs | | | |
| Chromium | | ug/L | | <2.5 | 10.0 | 09/09/1 | 9 11:39 | | | | | |
| LABORATORY CO | NTROL SAMPLE: | 1932786 | | | | | | | | | | |
| | | | Spike | LC | CS | LCS | % R | ec | | | | |
| Parar | neter | Units | Conc. | Re | sult | % Rec | Limi | ts | Qualifiers | | | |
| Chromium | | ug/L | 50 | 00 | 503 | 10 | 1 8 | 30-120 | | | | |
| | | | 707 | | 1932788 | | | | | | | |
| MATRIX SPIKE & N | ATRIX SPIKE DUF | LICATE: 1932 | /8/ | | | | | | | | | |
| MATRIX SPIKE & N | ATRIX SPIKE DUF | | MS | MSD | | | | | | | | |
| | | 40194387001 | MS Spike | Spike | MS | MSD | MS | MSD | % Rec | | Max | |
| MATRIX SPIKE & N Paramete | | 40194387001 | 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.



QUALITY CONTROL DATA

| Project: | 58117057 MAUTH | E | | | | | | | | | | |
|--------------------|-----------------|-----------------------|----------------|----------------|--------------------|---------------|--------------|--------------|-----------------|-----|------------|------|
| Pace Project No.: | 40194379 | | | | | | | | | | | |
| QC Batch: | 332956 | | Analy | ysis Metho | d: S | SM 3500-C | B (Online) | 1 | | | | |
| QC Batch Method: | SM 3500-Cr B (C | Online) | Anal | ysis Descri | iption: C | Chromium, | Hexavalent | by 3500 | | | | |
| Associated Lab Sam | ples: 40194379 | 001 | | | | | | | | | | |
| METHOD BLANK: | 1932517 | | | Matrix: W | /ater | | | | | | | |
| Associated Lab Sam | ples: 40194379 | 001 | | | | | | | | | | |
| Param | eter | Units | Blaı Res | | Reporting Limit | Analy | /zed | Qualifie | rs | | | |
| Chromium, Hexavale | ent | mg/L | < | 0.0051 | 0.017 | 09/05/1 | 9 14:45 | | | | | |
| LABORATORY CON | TROL SAMPLE: | 1932518 | | | | | | | | | | |
| Param | eter | Units | Spike Conc. | | CS sult | LCS % Rec | % Re Limi | | Qualifiers | | | |
| Chromium, Hexavale | ent | mg/L | 0 | .3 | 0.30 | 10 | 1 9 | 90-110 | | | | |
| MATRIX SPIKE & M | ATRIX SPIKE DUP | LICATE: 1932 | | | 1932520 | | | | | | | |
| | | 40404070004 | MS | MSD | | MOD | | MOD | 04 D | | | |
| Parameter | Units | 40194379001 Result | Spike Conc. | Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
| Chromium, Hexavale | nt mg/L | 0.48 | 0.75 | 0.75 | 1.2 | 1.2 | 99 | 98 | 3 90-110 | 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.



QUALIFIERS

Project: 58117057 MAUTHE

Pace Project No.: 40194379

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.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay



QUALITY CONTROL DATA CROSS REFERENCE TABLE

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40194379

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-------------|-----------------------|----------|-------------------|---------------------|
| 40194379001 | OUTFALL-001 | EPA 3010 | 332977 | EPA 6010 | 333120 |
| 40194379001 | OUTFALL-001 | SM 3500-Cr B (Online) | 332956 | | |

| Invitation Territation Invitation Territation Invitation | Profile # |
|---|-----------------|
| Project Contact: S & th //tod y son Project Contact: S & th //tod y son Project Contact: S & th //tod y son Project Number: S & th //tod y son Project Number: S & th //tod y son Project Number: S & th //tod y son Project Name: Mauth c Project State: U J oject A: Project A: Project State: U J Project A: Invoice To Contact: Imminisher Project A: Project A: Invoice To Contact: Imminisher Date Package Options (Billable) Matrix Codes 0 or 0in your samp | |
| roject Number: 5 % 1 1 0 57 A=None B=HCL C=H2SO4 D=HNO3 E=DW Water F=Methanol G=NaOH roject Name: Mail To Address: Mail To Address: Mail To Address: Mail To Address: roject State: U I PRESERVATION | |
| oject Number: 58117057 oject Name: Mail To Company: Mail To Address: Mail To Address: oject State: UT umpled By (Print): Staft A. Hodeson Pickandon Mail To Address: Mail To Address: Preservation Codes Mail To Address: Impled By (Print): Staft A. Hodeson Pick | |
| oject Number: 58117057 oject Name: Mail To Company: Mail To Address: Mail To Address: oject State: UT umpled By (Print): Staft A. Hodeson Pickandon Mail To Address: Mail To Address: Preservation Codes Mail To Address: Impled By (Print): Staft A. Hodeson Pick | Profile # |
| oject Name: Mauthe oject Name: Muthe oject State: UT Impled By (Print): Scott A. Hudgson Impled By (Sign): Mutha. Hodgson Impled By (Sign): Mutha. Hodgan Preservation (Sillable) □ EPA Level III □ EPA Level IV Ace LAB # CLIENT FIELD ID Date To Address: Preservation Collection Mail To Address: Preservation (Sillable) B = Blota D = Studge W = Water S = St | Profile # |
| oject State: UI FILTERD? (YES/NO) V/N N N Invoice To Contact: Impled By (Print): Scott A, Hudason Preservation (CODE)* Preservation (CODE)* Preservation (CODE)* Invoice To Contact: Invoice To Company: Impled By (Sign): Just A. Hodason Preservation (CODE)* Preservation (CODE)* Invoice To Company: Invoice To Address: Invoice To Address: Invoice To Phone: Invoice To Phone: Invoice To Phone: Invoice To Phone: Invoice To Phone: Invoice To Phone: Invoice To Phone: Invoice To Phone: Invoice To Phone: Invoice LaB # CLIENT FIELD ID Invoice To Immediation DATE Immediation Immediation | Profile # |
| Impled By (Print): Seatt A. Hudgson Impled By (Sign): Auott A. Hodgson Impled By (Sign): Invoice To Contact: Impled By (Sign): Invoice To Company: Impled By (Sign): Regulatory Program: Program: Impled By (Sign): Matrix Codes Impled By (Sign): Impled By (Sign): Impled By (Sign): Matrix Codes Impled By (Sign): Impled By (Sign): Impled By (Sign): Matrix Codes Impled By (Sign): Impled By (Sign): Impled By (Sign): Matrix Codes Impled By (Sign): Impled By (Sign): Impled By (Sign): Impled By (Sign): Impled By (Sign): Matrix Codes Impled By (Sign): Impled By (Sign): Impled By (Sign): Impled By (Sign): Impled By (Sign): Implementation Implementation Implementation Implementation < | Profile # |
| Mpled By (Sign): Auott A. Holden No 0#: Regulatory Program: 0#: Program: Invoice To Company: 1 Invoice To Address: 1 Invoice To Address: 1 Invoice To Phone: 1 Set of the set of | Profile # |
| M: Regulatory Program: Not needed on your sample Matrix Codes B = Biota Not needed on S = Soil Matrix Codes W = Drinking Water C = Charcoal NOT needed on S = Soil d=""><td>Profile #</td></th<> | Profile # |
| ACE LAB # CLIENT FIELD ID DATE TIME MATRIX CLIENT FIELD ID COMMENTS (Lab Use Only) | Profile # |
| CE LAB # CLIENT FIELD ID DATE TIME MATRIX CLIENT FIELD ID COMMENTS (Lab Use Only) | Profile # |
| ACE LAB # CLIENT FIELD ID DATE TIME MATRIX COMMENTS (Lab Use Only) | Profile # |
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| Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed: Relinquished By: Beinquished By: Relinquished B | ect No. 1779 |
| Date Needed: Relinquished By: Date/Time: Dat | |
| II #1: Date/Time: Received By: Date/Time: Received By: Date/Time: | <u>⊳</u> °° |
| II #2: Sample Reice phone: Relinquished By: Date/Time: Received By: Date/Time: OK / Adjust | |
| <u>Cooler Custo</u> | |
| Samples on HOLD are subject to By: Date/Time: Received By: Date/Time: Date/Ti | |

| Cli | ent | Na | | | T | 21 | / e , | (02 | ~ | · . | | | _ | | Pro | oject | :# | tion | | | | | 1 | | | | | | | | Pace A 1241 | nalytica Bellevue Green | Il Services, LLC Street, Suite 9 Bay, WI 54302 Bay |
|--|--------------|------------------|---------|--------|---------|---------|---------|--------|--------|---------------------|--------|--------|-------------|---------|---------|-------------|------|-----------------|-------|------------|--------|---------|--------------|---------|--------|------|------------------|------------------|-------------------|-------------------|----------------|-------------------------------|---|
| | | A | l conta | ainers | needinį | g prese | ervatio | n have | e been | | | | | 1 | | | | Lab St | 4 #ID | . f | | (if - | JT ad: | . حدم | | | | | | l when oleted: | | Date/ Time: | ш. |
| | | | | | | | | | | La | U LOI# | огрп | paper: | 100 | 507 | <u>אר ר</u> | | Lau SI | | of pres | | on (n t | | isted). | | | * | e de la Norde | | | fb | | 19 - S. G. Gebel Marine Stephen |
| | | | | Glas | S | | | | | | Plast | ic | | | | | Vi | als | | | | Jars | | Ge | enera | 1 | -6mm) | | at pH ≥9 | 2 | | tted | |
| Pace Lab # | AG1U | AG1H | AG4S | AG4U | AGSU | AG2S | BG3U | BP1U | BP2N | BP2Z | BP3U | BP3B | BP3N | BP3S | DG9A | DG9T | VG9U | H691 | VG9M | VG9D | JGFU | WGFU | WPFU | SPST | ZPLC | GN | VOA Vials (>6mm) | H2SO4 pH ≤2 | VaOH+Zn Act pH ≥9 | aOH pH≥l2 | HNO3 pH ≤2 | H after adjusted | Volume (mL) |
| 001 | 7 | ~ | | | 7 | | | | | | | | | | | | | | | | | | | 02 | N | | > | E. | Z | | H | ā | 2.5/5/10 |
| 002 | \mathbf{N} | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 003 | | \smallsetminus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 004 | | | / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 006 | | | | | | \sim | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 007 | | | | | | | | \vee | | | | | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 008 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2,5/5/10 |
| 009 | | | | | | | | | | | \sim | L | | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 010 | | | | | | | | | | | | \sim | / | | | | | | | | | | | | | | | | | | | | 2.5/5/10 |
| 011 | | | | | | | | | | | | | | | / | | | 915 | IS F | 25 | | | | | | | | | | | | | 2.5/5/10 |
| 012 | | | | | | | | | • | | | | | | | / | / | | 4. | | | | | | | | | | | | | | 2.5/5/10 |
| 013 | | | | | | | | | | | | | | | | | | $\overline{\ }$ | | | | | | | | | | | | | | | 2.5/5/10 |
| 014 | | | | | | | | | | | | | | | | | | | 1 | / | | | | | | | | | | | | | 2.5/5/10 |
| 015 | | | | | | | | | | | | | | | | | | | | | / | | | | | | | | | | | | 2.5/5/10 |
| 016 | | | | | | | | | | | | | | | | | | | | | | | \backslash | | | | | | | | | | 2.5/5/10 |
| 017 | | | | | | | | | | | | | | | | | | | | | | | | | \sim | | | | | | | | 2.5/5/10 |
| 018 | | | | | | | | | | | | | | | | | | | | | | | | | | Ϊ | / | | | | | | 2.5/5/10 |
| 019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | \searrow | | | | | 2.5/5/10 |
| 020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | / | | | 2.5/5/10 |
| Ех | ceptio | ons to j | oreserv | ation | check: | VOA, | Colif | orm, T | ΌС, Τ | Ю <mark>Х,</mark> Т | ОН, О | &G, V | VI DRO |), Pher | nolics, | Other: | | | | He | adspac | e in V | OA Vi | als (>6 | mm): | □Yes | ⊡No | - | *If yes | s look ii | n headsj | aree coli | imu |
| AG1U 1 liter amber glassBP1U1 liter plastic unpresDG9A40 mL amber ascorbicJGFU4 oz amber jar unpresAG1H 1 liter amber glass HCLBP2N500 mL plastic HNO3DG9T40 mL amber Na ThioWGFU4 oz clear jar unpresAG4S125 mL amber glass H2SO4BP2Z500 mL plastic NaOH, ZnactVG9U40 mL clear vial unpresWFU4 oz plastic jar unpresAG4U120 mL amber glass unpresBP3U250 mL plastic unpresVG9H40 mL clear vial HCLWFU4 oz plastic Na ThiosulfateAG2S500 mL amber glass unpresBP3B250 mL plastic NaOHVG9M40 mL clear vial MeOHSP5T120 mL plastic Na ThiosulfateAG2S500 mL amber glass H2SO4BP3N250 mL plastic HNO3VG9D40 mL clear vial DIZPLCziploc bagBG3U250 mL clear glass unpresBP3S250 mL plastic H2SO4VG9D40 mL clear vial DIGN: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 1241 Bellevue Street, Green Bay, WI 54302 Sample Condition Client Technology Client Pace Other: Client Pace Other: Tracking #: Custody Seal on Cooler/Box Present: See Packing Material: Bubble Wrap I Bubble Bags Thermometer Used SR - See Alf Alfill Type of I Cooler Temperature Uncorr: Rol Icorr: Temp Blank Present: See Occ. Chain of Custody Present: Yes Occ. Chain of Custody Filled Out: Yes Occ. | Doc F-GB-(Don Upo Don Upo Don Upo Don Upo PS | Valtco | IS Pace Gr SCUR) OH: 0194379 | ssuing Authority: reen Bay Quality Office 40194379 111111111111111111111111111111111111 |
|---|--|--|--|--|
| Client Name: Terra con Courier: CS Logistics Fed Ex Speedee UF Client Pace Other: UF Client Pace Other: Other: Custody Seal on Cooler/Box Present: yes no Se Custody Seal on Samples Present: yes no Se Custody Seal on Samples Present: yes no Se Custody Seal on Samples Present: yes no Se Custody Seal on Samples Present: yes no Se Custody Seal on Samples Present: yes no Se Cacking Material: Bubble Wrap Bubble Bags Se Chermometer Used SR - SA 4/5/1/1ype of I Cooler Temperature Uncorr No I Cooler Temperature Uncorr Yes I Chain of Custody Present: Yes I I Chain of Custody Relinquished: Yes I I Chain of Custody Relinquished: Yes I I Chain of Custody Relinquished: Yes <th>F-GB- Dn Upo DS Mupo PS Mup</th> <th>C-031-Rev.07</th> <th>Pace Gr SCUR) OH: 1 0194379</th> <th>een Bay Quality Office 40194379 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</th> | F-GB- Dn Upo DS Mupo PS Mup | C-031-Rev.07 | Pace Gr SCUR) OH: 1 0194379 | een Bay Quality Office 40194379 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII |
| Client Name: $T_{QCYG_{CON}}$ Courier: CS Logistics Fed Ex Speedee UF Client Pace Other: Other: Other: Other: Other: Tracking #: | PS W eals intact eals intact Non ce: We ological No N/A No N/A No N/A No | Project #: Valtco Va | AO# : 11 194379 Samples o | n ice, cooling process has begun Person examining content: Date: |
| Courier: CS Logistics Fed Ex Speedee UF Client Pace Other: | eals intact eals intact Non ce: Ve ological No N/A No N/A No N/A No | Valtco □ yes □ no □ yes □ no e □ Other Blue Dry None Tissue is Frozen: □ y 1. 2. No e5 # 3. 4. 5. | 0194379 | n ice, cooling process has begun Person examining content: Date: |
| Courier: CS Logistics Fed Ex Speedee UF Client Pace Other: | eals intact eals intact Non ce: Ve ological No N/A No N/A No N/A No | Valtco | 0194379 | n ice, cooling process has begun Person examining content: Date: |
| □ Client □ Pace Other: Tracking #: | eals intact eals intact Non ce: Ve ological No N/A No N/A No N/A No | $ \begin{array}{c} $ | | Person examining contents |
| Tracking #: | eals intact ✓ Non ce: ₩e ological No □N/A No □N/A No □N/A No □N/A No | $[yes \ no \\ e \ Other \\ Blue Dry None \\ I \\ Issue is Frozen: \\ 1. \\ 2. \\ 0 \\ -5. \\ \end{bmatrix}$ | | Person examining contents |
| Custody Seal on Cooler/Box Present: yes ✓ no Se Custody Seal on Samples Present: yes ✓ no Se Cacking Material: □ Bubble Wrap □ Bubble Bags Chermometer Used SR - SNA 4/5//1 ype of I Cooler Temperature Uncorr: /Corr: ✓ Cemp Blank Present: □ yes ∩ Bit Cemp should be above freezing to 6°C. Bit Bit Bit Chain of Custody Present: □ ☑ ☑ Chain of Custody Filled Out: □ ☑ ☑ Chain of Custody Relinquished: ☑ ☑ ☑ Sampler Name & Signature on COC: ☑ ☑ ☑ Chain of Custody within Hold Time: ☑ ☑ ☑ - VOA Samples frozen upon receipt □ ☑ ☑ Short Hold Time Analysis (<72hr): ☑ ☑ | eals intact ✓ Non ce: ₩e ological No □N/A No □N/A No □N/A No □N/A No | $[yes \ no \\ e \ Other \\ Blue Dry None \\ I \\ Issue is Frozen: \\ 1. \\ 2. \\ 0 \\ -5. \\ \end{bmatrix}$ | | Person examining contents |
| Custody Seal on Samples Present: yes no Se Packing Material: □ Bubble Wrap □ Bubble Bags Chermometer Used SR - 68 NA AlSII type of I Cooler Temperature Uncorr ICorr: Cooler Temperature Uncorr ICorr: Cooler Temperature Uncorr ICorr: Cooler Temperature Uncorr ICorr: Cooler Temperature □ Yes Chain of Custody Present: □ □ Chain of Custody Relinquished: □ □ Chain of Custody Relinquished: □ □ Samples Arrived within Hold Time: □ □ - VOA Samples frozen upon receipt <td>eals intact ✓ Non ce: ₩e ological No □N/A No □N/A No □N/A No □N/A No</td> <td>$[yes \ no \\ e \ Other \\ Blue Dry None \\ I \\ Issue is Frozen: \\ 1. \\ 2. \\ 0 \\ -5. \\ \end{bmatrix}$</td> <td></td> <td>Person examining contents</td> | eals intact ✓ Non ce: ₩e ological No □N/A No □N/A No □N/A No □N/A No | $[yes \ no \\ e \ Other \\ Blue Dry None \\ I \\ Issue is Frozen: \\ 1. \\ 2. \\ 0 \\ -5. \\ \end{bmatrix}$ | | Person examining contents |
| Packing Material: □ Bubble Wrap Bubble Bags Chermometer Used SR - SNA 4/5/1 type of I Cooler Temperature Uncorr /Corr: Uncorr Kol /Corr: Gemp Blank Present: □ yes no Femp Blank Present: □ yes no Bit Femp should be above freezing to 6°C. Bit Bit Bit Samples may be received at ≤ 0°C. O'C. Chain of Custody Present: □ Chain of Custody Filled Out: □ Yes □ Chain of Custody Relinquished: □ Yes □ Sampler Name & Signature on COC: □ Yes □ Samples Arrived within Hold Time: □ Yes □ - VOA Samples frozen upon receipt □ Yes □ Short Hold Time Analysis (<72hr): | Image: Non ce: Image: Non ological ological No N/A No N/A No N/A No N/A No No No No No No No No No | e Other Blue Dry None $[$ Tissue is Frozen: $[$ 1. 2. No es $[$ 3. 4. 5. | | Person examining contents |
| SR - | No N/A No N/A No N/A No N/A No N/A No N/A No N/A No N/A No N/A No N/A No N/A No N/A | Blue Dry None | | Person examining contents |
| Cooler Temperature Uncorr ICorr: Temp Blank Present: yes no Bit Temp should be above freezing to 6°C. Bit Bit Bit Biota Samples may be received at ≤ 0°C. Bit Bit Bit Chain of Custody Present: Image: Arrived Present:< | No □N/A No □N/A No □N/A No □N/A No □N/A No □N/A No □N/A No □N/A No □N/A | 1. 2. No 3. 4. 5. | | Person examining contents |
| Temp should be above freezing to 6°C. Biota Samples may be received at ≤ 0°C. Chain of Custody Present: Image: Chain of Custody Filled Out: Chain of Custody Filled Out: Image: Chain of Custody Relinquished: Chain of Custody Relinquished: Image: Chain of Custody Relinquished: Chain of Custody Relinquished: Image: Chain of Custody Relinquished: Chain of Custody Relinquished: Image: Chain of Custody Relinquished: Sampler Name & Signature on COC: Image: Chain Of Yes Gamples Arrived within Hold Time: Image: Chain Of Yes - VOA Samples frozen upon receipt Image: Chain Of Yes Short Hold Time Analysis (<72hr): | No □N/A No □N/A No □N/A No □N/A No | 1. 2. No pg # 3. 4. 5. | ves 🥅 no | Date: <u>9/3///2</u> |
| Biota Samples may be received at ≤ 0°C. Chain of Custody Present: Image: Present image: Pr | No □N/A No □N/A No □N/A No | 2. No pg # 3. 4. 5. | · · · · · · · · · · · · · · · · · · · | |
| Chain of Custody Filled Out: Image: Second Seco | No □N/A No □N/A No □N/A No | 2. No pg # 3. 4. 5. | | 2(5)(9 <i>)(</i> 4) |
| Chain of Custody Relinquished: Image: Chain of Custody Relinquished: Sampler Name & Signature on COC: Image: Chain of Custody Relinquished: Samples Arrived within Hold Time: Image: Chain of Custody Relinquished: - VOA Samples frozen upon receipt Image: Chain of Custody Relinquished: Short Hold Time Analysis (<72hr): | No | 3. 4. 5. | | 215119 <i>91</i> 3 |
| Sampler Name & Signature on COC: Yes Samples Arrived within Hold Time: ØYes - VOA Samples frozen upon receipt Yes Short Hold Time Analysis (<72hr): | No 🗆 N/A No | 4. 5. | | |
| amples Arrived within Hold Time: ǾYes □ - VOA Samples frozen upon receipt □Yes □ hort Hold Time Analysis (<72hr): ǾYes □ | No | 5. | | |
| - VOA Samples frozen upon receipt Short Hold Time Analysis (<72hr): | No | | | |
| Short Hold Time Analysis (<72hr): | | Date/Time: | | |
| | No | | | and the second second second second second second second second second second second second second second second |
| Rush Turn Around Time Requested: | | 6. | | |
| | No | 7. | | |
| Sufficient Volume: | | 8. | | · · · |
| For Analysis: ØYes □No MS/MSD: □Yes Ø | No □n/A | | | |
| Correct Containers Used: | No | 9. | - | - |
| -Pace Containers Used: | No □N/A | | | |
| -Pace IR Containers Used: | | | | |
| Containers Intact: | No | 10. | · · · | |
| iltered volume received for Dissolved tests | No 🗹 N/A | 11. | | |
| Sample Labels match COC: | No □n/A | 12. | | |
| -Includes date/time/ID/Analysis Matrix: W | | | | |
| rip Blank Present: □Yes □r | | 13. | | ****** |
| rip Blank Custody Seals Present | | | | |
| ace Trip Blank Lot # (if purchased): | | | | |
| Comments/ Resolution: | Date/ | | ked, see attacl | hed form for additional comments |
| | | | | |
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