July 5, 2022



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: 2022 Second Quarter Compliance Monitoring Report, Industrial User (Wastewater Discharge) Permit #21-24 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. 21-24, issued on May 31, 2021, which will expire on May 31, 2024. This report covers the period of April 1, 2022, through June 30, 2022, which included monthly effluent compliance monitoring sampling. The monthly results are summarized in the attached Table 1.

The flow monitoring and sampling activities were conducted monthly at the effluent discharge point, prior to Outfall 001. During this reporting period, local limit compliance monitoring samples were collected by the City of Appleton on May 5, 2022, and by Terracon on June 9, 2022, but results from the City sampling are not yet available. Historical results are presented in the attached Table 2.

As noted in the 2012 Fourth Quarter Process Compliance Report the system was replumbed in October 2012. Consequently, a greater volume of water is retained within the equalization tank and sampling occurs directly from the port on the equalization tank discharge pipe. Due to the improvement in the system plumbing, Terracon has collected the composite effluent sample directly from the tank effluent piping during the 2020 sampling events.



Terracon Consultants, Inc. 9856 South 57th Street Franklin, Wisconsin 53132 P [414] 423 0255 F [414] 423 0566 terracon.com



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 (April, May, and June 2022) 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 228,422 gallons with a mean daily flow of approximately 2,510 gallons per day. Based on the laboratory results, there were no exceedances during this reporting period from Outfall 001.

Dave Hassman performed 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.



Krista L. Kroeninger, P.G. Senior Staff Geologist

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

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

Metered Gallons Hexavalent Chromium Total Flow Hexavalent Flow Hexavalent Date Discharge Discharged Monthly (mg/L) Analysis ¹ Totalizer #1 Chromium Totalizer #2 Chromium For Linear Reading Between Meter Discharge [Local Limit (mg/L) Reading Hach Test				OUTI	FALL 001				Ма	nhole	#1	Ма	nhole	#2
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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 06/09/08 8,951,078 14,113 0 43,187 101,102 0						9.0	0.60			8.9	1.04		8.9	0.16
06/03/08 8,936,965 0 9.3 0.90 0.824 39,876 9.0 1.06 90,901 9.0 06/09/08 8,951,078 14,113 43,187 101,102		06/01/08												
06/09/08 8,951,078 14,113 43,187 101,102						<u> </u>								
						9.3	0.90	0.824		9.0	1.06		9.0	0.54
						92	0.85			90	1 53		90	0.38
06/11/08 8,960,258 9,180 45,176 112,396						J.Z	0.00			3.0	1.00		3.0	0.30

Date Interpolation Discharge (gallons) Discharge Reading (gallons) Discharge (gallons) Discharge (gallons) <thdischar (gallons) Dischar (gallons)<th></th><th></th><th></th><th>OUTI</th><th>FALL 001</th><th></th><th></th><th></th><th>Ма</th><th>nhole</th><th>#1</th><th>Ма</th><th>nhole</th><th>e #2</th></thdischar 				OUTI	FALL 001				Ма	nhole	#1	Ма	nhole	e #2
0001008 6.999.813 0 9.2 1.4 53,868 1.4138 1.4138 0001708 9.999.813 0 9.2 1.4 53,868 9.1 146,825 146,825 146,825 146,825 146,825 146,825 146,825 146,825 146,825 146,825 146,825 146,825 146,825 146,825 146,825 146,825 146,825 146,825 166,922 166,922 166,922 166,922 166,922 166,922 166,922 166,923 166,923 166,923 166,923 166,923 166,923 166,923 166,923 166,923 166,923 166,923 166,923 166,923 166,933 176,93,92,923 166,933 176,93,92,923 166,933 176,916 166,933 176,916 166,933 176,916 166,9433 176,916 166,9433 176,916 166,933 176,916 166,933 176,916 166,917 167,916 166,918 176,916 176,916 176,916 176,916 176,916 176,916 176,916 <	Date Actual	For Linear	Discharge Reading	Discharged Between Meter	Discharge	рН	Chromium Lab Analysis (mg/L) [Local Limit	Chromium Lab Analysis ¹ (mg/L) [Local	Totalizer #1 Reading	рН	Chromium Hach Test	Totalizer #2 Reading	рН	Hexavalent Chromium Hach Test Kit (mg/L)
06/17/08 6.9/99/813 0 9.2 1.4 95.8/9 9.1 3.00 143.560 9.1 3.60 143.57 144.828 1 0.00 143.57 144.828 1 0.00 143.57 0 143.57 0 143.557 0 143.557 0 143.557 0 143.557 0 0.00	06/16/08		8,999,813	39,555					52,865			140,673		
061938 0.007.718 7.805 64.700 146.825 0622308 9.016.823 0 9.3 0.20 86.074 9.1 2.50 145.857 062308 9.016.823 0 9.3 0.20 86.074 9.1 2.50 154.613 80.02 063308 9.026.850 0 9.1.466 1 120 160.573 160.573 070108 0.026.850 0 9.3 1.4 1.200 61.681 10 2.44 161.266 9.1 070108 0.026.850 0 9.3 1.4 1.200 64.871 1 66.138 170.315 0701008 0.044.021 1.519 0 64.022 62.621.1436 12.2 67.146 1.20.671 146.267 147.145 12.2 67.146 1.2 162.057 147.071 167.145 12.2 12.33.14 147.145 12.2 12.33.14 147.145 12.2 12.2 12.2 12.2 12.2 12.2 12.2														
00022005 9.015.822 9.205 9.20 9.3 0.20 9.676.0 1.255.7 1.55.577 0002005 9.026.850 9.927 June 0.20 66.7392 109.227 109.272 0003005 9.026.850 0 91.465 0.1392 109.273 109.273 0707016 9.026.850 0 9.3 1.4 1.20 0.1.61 0.2 2.4 1.4 0707016 9.026.850 0 9.3 1.4 1.20 0.1.61 107.7518 0.2 2.45 1.167.518 9.2 07071069 9.054.932 0 9.4 0.2 60.444 9.0 1.80 154.77 9.2 0771069 9.083.663 2.731 1 2.57 11.82 0.203.74 10.205.97 0772069 9.124.075 0.74 0.74 0.75.98 9.2 2.52 2.11.45 9.2 0.25.97 7.3 3.02 2.75.68 9.2 2.52 2.11.45 9.2 2.				-		9.2	1.4			9.1	3.40		9.1	0.33
0062000 9.016822 0 9.3 0.20 9.674 9.1 2.50 154.31 9.0 0620008 9.026850 9 91.466 61.332 160.227 160.227 0707078 9.026850 9 9 4 122 160.373 160.227 0707078 9.026850 9 9 4 122 65.181 9.1 166.481 0707078 9.025852 9.0 9.4 1.2 65.188 9.1 190.773.15 9.7 0717050 9.054332 13.861 9 68.371 192.075 192.077 192.078 292.120														
069008 9.028,850 9.927 June 0 0 160,227 0<						93	0.20			91	2.50		9.0	0.14
				-	June	0.0	0.20			0	2.00		0.0	0
07070/08 9.028.850 0 9.3 1.4 1.200 61.881 9.0 2.45 119.268 31. 07070808 9.035.852 0 9.4 1.2 66.158 9.1 100.157.518 9.2 0717008 9.044.071 5.119 - 66.158 9.1 100.157.518 9.2 0717008 9.054.932 0.3841 - 66.158 9.1 142.057 107.250 0717009 9.054.653 28.731 - 77.4198 2.252 2114.51 9.2 072206 9.054.653 0 9.4 0.74 77.8198 2.252 2114.51 9.2 072206 9.114.2075 6.776 - 83.156 2.23.02 237.73 2 2.252 214.51 9.2 0722060 9.124.069 2.3.44 July - 83.066 7.2 2.3.02 237.73 7.2 2.24.24 2.0 2.44.21 - 0.00.706 9.127.70 0.00.765 2.2	06/30/08			0	91,466				61,392			160,573		1
D70708 9.03.582 9.02 9.4 6.4701 16.4701 16.6481 0770808 9.04.071 5.119 1 6.138 1.10 170.315 9.2 0770808 9.04.671 5.119 1 6.138 1.10 170.315 9.2 0711508 9.054.932 0 9.4 0.82 66.444 9.0 1.80 184.517 9.2 071206 9.053.683 0 9.4 0.74 75.686 9.2 2.25 211.455 9.2 072206 9.114.247 30.634 81.462 230.374 235.668 237.455 23.00 23.7075 7.2 3.30 237.075 7.2 3.30 237.075 7.2 3.30 237.075 7.2 2.00.248 2.44.22 2.43.22 2.45.22 2.45.22 2.45.22 2.45.22 2.45.22 2.45.22 2.45.22 2.45.22 2.45.22 2.45.22 2.45.22 2.45.23 2.37.45 2.27.2 2.30 237.455 2.3		07/01/08	9,026,850											
070808 9.05.992 0 9.4 1.2 65.18 9.1 1.90 117.116 9.2 071408 9.041.071 5.119 - 68.33 170.315 120.057 071408 9.054.932 0 9.4 0.82 69.444 9.0 182.10417 9.2 072106 9.083.665 28.731 - 74.198 206.522 211.4153 9.2 072206 0.083.665 28.731 - 61.142 22.52 211.4153 9.2 072206 0.112.075 0 9.4 0.74 0.76 83.056 230.277 7.2 072206 0.117.1075 0 7.4 0.70 63.056 7.2 3.30 227.073 7.2 072206 0.137.140 1.3.71 100.680 67.4 1.30 1.260 87.426 7.2 2.72 226.427 2.0 0.600.06 9.157.46 1.30 1.200 87.426 7.2 2.72 2.264.21 2.0				-		9.3	1.4	1.290		9.0	2.45		9.1	0.58
071008 9.04.071 5.119 6.138 170.315 170.315 071408 9.054.932 13.861 69.373 182.077 182.077 071508 9.048.932 0 9.4 0.82 69.444 9.0 1.89 206.293 071208 9.083.663 28.731 0 74.148 206.293 22.52 211.453 9.2 072206 9.018.663 0 9.4 0.74 75.898 9.2 2.52 211.453 9.2 072206 9.121.075 0 74 0.70 63.099 72 3.0 287.073 7 072006 9.121.075 0 74 0.70 63.099 72 3.0 287.073 7 3.30 287.073 7 3.30 287.073 7 3.30 287.272 2.272 2.80.217 0 7 7 2.72 2.80.217 0 9.72 2.80.213 0 2.82.72 2.00 2.72 2.82.212 0						0.4	4.0		,	0.4	4.00		0.0	4.05
071406 9.064.932 13.861 0 68.973 182.057 071106 9.064.932 0 9.4 0.82 69.44 9.0 180 145.17 9.2 072106 9.083.863 28.731 0 74.198 206.921 201.23 211.453 9.2 072206 9.114.075 6.778 0 61.242 230.973 7.2 072206 9.121.075 0 7.4 0.70 83.069 7.2 230.927.073 7.2 072006 9.123.409 2.334 July 83.46 237.455 248.211 080106 9.137.40 0 7.6 1.30 1.260 87.426 7.2 228.2120 080006 9.141.81 4.441 6 1.30 1.260 87.426 7.2 228.2120 080006 9.141.81 4.441 6 90.753 1.22 92.06 7.2 2.45 233.7 7.3 080106 9.154.723 2.837 <				0		9.4	1.2			9.1	1.90		9.2	1.05
07/15/08 9.964.932 0 9.4 0.82 69.444 9.0 1.80 1145.17 9.2 07/12/08 9.083.663 0 9.4 0.74 75.898 9.2 2.52 211.453 9.2 07/22/08 9.014.297 0.034 - 63.136 233.568 233.568 07/22/08 9.121.075 6.778 - 0.70 83.609 7.2 300 237.673 7.2 07/22/08 9.123.407 100.880 -														+
0721/08 9.983.683 28.731 74.198 206.293 0772208 9.983.683 0 9.4 0.74 75.898 9.2 2.52 21.453 9.2 0772508 9.114.077 30.634 83.136 235.668 7.2 072808 9.121.075 6.778 83.166 7.2 3.30 237.455 072808 9.127.70 100.890 83.646 237.455 7.2 0801068 9.137.140 13.731 83.646 248.211 248.221 0805068 9.137.140 0 7.6 1.30 87.426 7.2 2.72 225.342 7.2 0805068 9.147.73 2.837 91.722 2.62.8337 7.3 0807068 9.157.823 2.837 91.732 2.865 282.381 081708 9.157.23 2.837 91.732 2.465 286.337 7.3 08108 9.152.704						9.4	0.82			9.0	1.80		9.2	0.54
0772508 9.114.297 30.634 Particle 81.42 230.374 0772808 9.121.075 6.778 Particle 83.138 235.668 237.073 0772908 9.121.075 0 7.4 0.70 88.069 7.2 3.30 237.073 7.2 072908 9.127.730 100.860 Particle Particle <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>				-		1								
07/2808 9.121.075 6.778 7 83.139 23.6688 23.6683 07/2908 9.121.075 0 7.4 0.70 88.3699 7.2 3.30 237.673 7.2 07/2908 9.127.70 100,80 68.0768 2.237.455 2.237.455 080/0408 9.137.140 0 7.6 1.30 1.260 87.426 7.2 2.272 250.342 7.2 080/0408 9.1315.140 0 7.6 1.30 1.260 87.426 7.2 2.272 225.042 7.2 080/0408 9.1315.186 10.305 90.785 280.203 282.210 282.298 282.228 286.23 286.23 286.23 286.23 286.23 286.23 286.23 286.23 <td>07/22/08</td> <td></td> <td>9,083,663</td> <td>0</td> <td></td> <td>9.4</td> <td>0.74</td> <td></td> <td>75,898</td> <td>9.2</td> <td>2.52</td> <td>211,453</td> <td>9.2</td> <td>0.31</td>	07/22/08		9,083,663	0		9.4	0.74		75,898	9.2	2.52	211,453	9.2	0.31
07/22/06 9.123.403 2.334 July 83.606 7.2 3.30 227.073 7.2 07/29/08 9.123.403 2.334 July 83.646 227.455 227.455 08/01/08 9.127.70 100.880 83.646 227.455 246.21 08/05/08 9.137.140 0 7.6 1.30 1.260 87.426 2.426.21 08/05/08 9.137.140 0 7.6 1.30 1.260 87.426 2.262.342 7.2 08/05/08 9.141.581 4.441 67.938 2.262.13 262.208 2.262.208 2.262.208 2.263.37 7.3 0.2 2.265.7 2.2 2.263.37 7.3 0.2 2.265.7 2.2 2.267.97 7.3 2.2 2.267.97 7.3 0.2 2.267.97 7.2 2.268.23 7.3 0.44.604 2.267.97 7.3 0.2 2.267.97 7.2 2.268.23 7.2 0.86.106 2.267.17 1.1 9.746.5 7.1 2.267.87 7														
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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						7.4	0.70			7.2	3.30		7.2	0.30
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08/05/08 9,137,140 0 7.6 1.30 1.260 87,426 7.2 2.72 250,342 7.2 08/05/08 9,141,581 4,441 87,338 222,120 220,213 220,213 220,213 200,174 210,171 100,174	08/04/08	08/01/08		12 721	100,880		ł		97 /26			249 221		+
080508 9,141,581 4,441 Image: Constraint of the system						76	1.30	1 260	,	72	2 72	- 1	72	0.41
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08/13/08 9,157,388 2,665 0 92,710 264,056 08/18/08 9,162,704 5,316 94,604 267,897 08/19/08 9,162,704 0 7,5 0.98 95,077 7.2 2.08 268,595 7.2 08/19/08 9,163,332 1,228 95,106 268,595 7.2 08/21/08 9,166,109 2,177 96,049 270,020 270,020 08/26/08 9,168,274 2,165 96,939 277,147 96,049 270,202 08/26/08 9,168,274 0 August 7.5 1.1 97,465 7.1 2.25 272,112 7.1 09/01/08 9,173,586 5,512 99,390 274,587 99,092/08 9,173,586 0 7.6 1.4 1.290 99,883 7.3 2.50 274,986 7.3 09/02/08 9,174,445 859 0 7.5 1.3 101,310 7.2 2.25 277,071 7.3 09/02/08<	08/11/08		9,154,723	2,837					91,732			262,298		
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08/21/08 9,166,109 2,177 Image: transmission of transmissi transmission of transmiss				-		7.5	0.98			1.2	2.08		1.2	0.20
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09/01/08 9,173,323 45,593 </td <td></td> <td></td> <td></td> <td></td> <td>August</td> <td>7.5</td> <td>1.1</td> <td></td> <td>,</td> <td>7.1</td> <td>2.25</td> <td></td> <td>7.1</td> <td>0.22</td>					August	7.5	1.1		,	7.1	2.25		7.1	0.22
09/02/08 9,173,586 0 7.6 1.4 1.290 99,863 7.3 2.50 274,936 7.3 09/02/08 9,174,445 859 9 99,894 274,962 276,718 09/02/08 9,176,960 2,515 100,837 276,718 276,718 09/08/08 9,176,960 0 7.5 1.3 101,310 7.2 2.25 277,071 7.3 09/15/08 9,182,218 5,258 103,257 279,911 281,689 281,689 283,095 281,689 283,095 283,475		09/01/08	9,173,323											
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09/06/08 9,176,960 2,515 1 100,837 276,718 09/08/08 9,176,960 0 7.5 1.3 101,310 7.2 2.25 277,071 7.3 09/08/08 9,182,218 5,258 103,257 22.25 277,071 7.3 09/15/08 9,182,218 5,258 103,273 7.3 2.60 280,611 7.6 09/18/08 9,182,218 3,027 1.3 103,731 7.3 2.60 280,611 7.6 09/18/08 9,185,245 3,027 104,715 281,689 283,095 09/22/08 9,187,538 2,293 105,663 283,095 283,095 09/22/08 9,187,538 0 7.5 1.6 106,137 7.3 3.05 283,475 7.5 09/28/08 9,191,553 4,015 1007,560 285,589 285,589 285,589 285,589 285,589 286,933 7.4 3.70 285,942 7.4 10/07/08 9,195,280 </td <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>7.6</td> <td>1.4</td> <td>1.290</td> <td></td> <td>7.3</td> <td>2.50</td> <td></td> <td>7.3</td> <td>0.21</td>				-		7.6	1.4	1.290		7.3	2.50		7.3	0.21
09/08/08 9,176,960 0 7.5 1.3 101,310 7.2 2.25 277,071 7.3 09/15/08 9,182,218 5,258 103,257 279,911 09/15/08 9,182,218 0 7.6 1.3 103,731 7.3 2.60 280,611 7.6 09/18/08 9,185,245 3,027 104,715 281,689 09/23/08 9,187,538 2,293 105,663 283,095 283,095 283,095 283,095 283,475 7.5 283,475 7.5 283,475 7.5 285,492 285,492 285,492 285,492 285,492 285,492						<u> </u>				<u> </u>				
09/15/08 9,182,218 5,258 103,257 279,911 09/16/08 9,182,218 0 7.6 1.3 103,731 7.3 2.60 280,611 7.6 09/18/08 9,185,245 3,027 104,715 281,689 283,095 283,095 283,095 283,095 283,095 283,095 283,095 283,095 283,095 5 5 5 09/28/08 9,187,538 0 7.5 1.6 106,137 7.3 3.05 283,095 7.5 09/28/08 9,191,553 4,015 107,560 285,589 283,475 7.5 0.9/28/08 9,191,553 0 September 7.6 1.8 108,035 7.4 3.70 285,942 7.4 10/05/08 9,192,867 19,545 10 109,500 287,383 287,383 288,093 7.8 10/07/08 287,383 101/07/08 9,195,280 3,727 2.2 2.000 109,975 7.4 4.38 288,093 7.8 10/07/08 9,195,280						75	1.2			7.0	0.05		7.2	0.16
09/16/08 9,182,218 0 7.6 1.3 103,731 7.3 2.60 280,611 7.6 09/18/08 9,185,245 3,027 104,715 281,689 09/22/08 9,187,538 2,293 105,663 283,095 7.5 09/23/08 9,187,538 0 7.5 1.6 106,137 7.3 3.05 283,475 7.5 09/23/08 9,191,553 4,015 107,560 285,942 7.4 09/30/08 9,191,553 0 September 7.6 1.8 108,035 7.4 3.70 285,942 7.4 10/05/08 9,192,867 19,545 108,035 7.4 3.70 285,942 7.4 10/07/08 9,195,280 3,727 109,500 287,383 288,093 7.8 10/07/08 9,196,521 1,241 100,9075						r.5	1.3			1.2	2.25		1.3	0.16
09/18/08 9,185,245 3,027 104,715 281,689 09/22/08 9,187,538 2,293 105,663 283,095 09/23/08 9,187,538 0 7.5 1.6 106,137 7.3 3.05 283,475 7.5 09/23/08 9,191,553 4,015 107,560 285,89 09/30/08 9,191,553 4,015 1.8 108,035 7.4 3.00 285,942 7.4 09/30/08 9,192,867 19,545 7.6 1.8 108,035 7.4 3.00 285,942 7.4 10/07/08 9,192,867 19,545 7.7 2.2 2.000 109,975 7.4 4.38 288,033 7.8 10/07/08 9,196,521 1,241 1.10 110,012 288,124						7.6	1.3			7.3	2.60		7.6	0.37
09/22/08 9,187,538 2,293 Image: constraint of the system of the syst						·								
09/28/08 9,191,553 4,015 4 1 1 1 1 1 285,589 1 09/30/08 9,191,553 0 September 7.6 1.8 108,035 7.4 3.70 285,942 7.4 10/01/08 9,192,867 19,545 0 0 7.6 1.8 109,050 7.4 3.70 285,942 7.4 10/05/08 9,192,867 19,545 0 0 7.7 2.2 2.000 109,975 7.4 4.38 288,093 7.8 10/07/08 9,195,280 0 7.7 2.2 2.000 109,975 7.4 4.38 288,093 7.8 10/07/08 9,196,521 1,241 0 110,012 288,124 288,124 288,124 288,124 288,124 288,124 288,124 29,00,43 29,00,943 10/10/08 29,20,017 3,496 29,1644 291,644 291,644 291,644 291,644 10/14/08 29,20,017 0 7.									105,663					
09/30/08 9,191,553 0 September 7.6 1.8 108,035 7.4 3.70 285,942 7.4 10/01/08 9,192,867 19,545 1 6 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.9 7.4 7.9 2.88,124 7.8 7.8 7.8 7.9 7.0 7.8 7.9 7.0 7.8 7.9 7.9 7.9 7.8 7.8 7.9 7.9 7.9 7.8						7.5	1.6			7.3	3.05		7.5	0.17
10/01/08 9,192,867 19,545 10 10/05/08 191,545 10/05/08 109,500 287,383 10/05/08 287,383 10/07/08 9,195,280 3,727 100/07/08 109,500 109,500 287,383 7.8 10/07/08 9,195,280 0 7.7 2.2 2.000 109,975 7.4 4.38 288,093 7.8 10/07/08 9,196,521 1,241 110,012 288,124 288,124 290,943 290,943 10/12/08 290,943 10/12/08 290,0017 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					<u> </u>									<u> </u>
10/05/08 9,195,280 3,727 109,500 109,500 287,383 10/07/08 9,195,280 0 7.7 2.2 2.000 109,975 7.4 4.38 288,093 7.8 10/07/08 9,196,521 1,241 110,012 288,124 288,124 10/10/08 9,200,017 3,496 110,965 290,943 290,943 10/12/08 9,200,017 0 111,919 291,644 10/14/08 10/14/08 9,200,017 0 7.8 1.9 112,396 7.5 3.48 292,698 7.8	09/30/08	40/04/00		0		7.6	1.8		108,035	7.4	3.70	285,942	7.4	0.18
10/07/08 9,195,280 0 7.7 2.2 2.000 109,975 7.4 4.38 288,093 7.8 10/07/08 9,196,521 1,241 110,012 288,124 288,124 10/10/08 9,200,017 3,496 110,965 290,943 290,943 10/12/08 9,200,017 0 111,919 291,644 291,644 10/14/08 9,200,017 0 7.8 1.9 112,396 7.5 3.48 292,698 7.8	10/05/09	10/01/08		2 7 7 7	19,545				100 500			207 202		<u> </u>
10/07/08 9,196,521 1,241 Image: Constraint of the system of the syst						77	22	2 000		71	4 38		78	0.12
10/10/08 9,200,017 3,496 Image: colored colo							<u> </u>	2.000		,.+	30		7.0	0.12
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						1	Ì			i	-			1
	10/12/08					L								
						7.8	1.9			7.5	3.48		7.8	0.27
	10/16/08		9,204,404			<u> </u>			112,906	<u> </u>		293,436		<u> </u>
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 10/22/08 0.208,080 2.770 144,848 206,250 206,250						7.8				7.5	4.02		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														+

			OUTI	FALL 001				Ма	nhole	#1	Ма	nhole	#2
Date Actual	Date For Linear Interpolation	(gallons)	Gallons Discharged Between Meter Reading	Monthly Discharge (gallons)	рН	Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L]	Analysis ¹	Flow Totalizer #1 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)	Flow Totalizer #2 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)
10/28/08		9,211,601	0	October	7.9	2.0		116,756	7.7	3.96	298,743	8.2	0.26
11/01/08	11/01/08	9,214,938 9,215,379	3,778	22,071				117,743			300,201		
11/01/08		9,215,379	3,778		8.0	2.1	1.880	117,743	7.7	4.32	300,201	8.1	0.20
11/04/08		9,217,467	2,088		0.0	2.1	1.000	118,732	1.1	4.52	301,275	0.1	0.20
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	Neurophan				125,702			311,660		
11/28/08	12/01/09	9,234,926	1,462	November 19,988				126,192			312,744		
12/02/08	12/01/08	9,234,926 9,234,926	0	13,300	8.2	2.3	2.190	127,656	7.8	3.57	314,118	8.3	0.18
12/12/08		9,242,670	7,744		5.2	2.0	2.100	130,122	7.5	0.01	316,912	0.0	0.10
12/17/08		9,247,587	4,917	December				131,563			320,808		
	01/01/09	9,266,230		31,304									
01/02/09		9,268,140	20,553					136,435			338,229		
01/06/09		9,268,140	0		7.8	2.5	2.430	137,894	7.7	4.48	341,351	7.8	1.05
01/12/09	00 /0 / /00	9,277,419	9,279	January				139,384			344,897		
02/01/09	02/01/09	9,287,182 9,287,326	9,907	20,952				142.256			251 709		
02/01/09		9,287,326			7.8	3.3	2.900	143,256 143,738	7.9	4.69	351,798 352,143	8.2	0.34
02/05/09		9,288,848	1,522	February	7.0	0.0	2.300	143,772	1.5	4.05	352,912	0.2	0.04
02,00,00	03/01/09	9,334,332	1,022	47,151				110,112			002,012		
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	0.4/0.4/00	9,463,572	0	March				183,323			501,935		
04/01/09	04/01/09	9,467,680 9,469,538	5,966	133,348				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	0		7.8	1.0		198,262	8.0	0.96	533,364	8.3	1.74
04/27/09 04/28/09		9,545,303 9,545,303	37,563 0		8.0	1.2		208,646 210,663	7.7	1.89	561,846 566,157	7.5	0.28
04/28/09	05/01/09	9,568,209	0	April	0.0	1.2		210,003	1.1	1.09	500,157	7.5	0.20
05/01/09	00,01100	9,574,025	28,722	100,528	1		1	217,567			582,471		
05/04/09		9,582,624						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	0.33
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 05/19/09		9,613,720			7.4	0.79		232,921 233,874	7.0	0.84	609,305 610,378	7.2	0.38
05/19/09		9,613,720 9,615,798			1.4	0.79		233,874	7.0	0.84	610,378	1.2	0.38
05/19/09		9,616,122			1			233,908			610,421		
05/25/09		9,624,219			1		1	237,697			615,786		
05/26/09		9,624,219			7.3	0.58		238,168	7.1	1.08	616,149	7.0	0.16
	06/01/09	9,650,519		May									
06/01/09		9,652,323		82,310				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						248,350			641,072		
06/15/09	07/01/09	9,701,735 9,727,520		June	<u> </u>			261,249			674,466		
07/01/09	01/01/09	9,727,920		77,001	1			272,082			691,914		
07/05/09		9,732,032	4,057	,				273,967			694,431		
07/07/09		9,732,032	0		7.4	0.96	0.878	274,443	7.1	2.20	695,508	7.1	0.20
07/20/09		9,742,289	10,257					278,743			700,527		

			OUTI	FALL 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)
	08/01/09	9,748,231		July								1	
08/03/09		9,749,397	7,108	20,712				282,543			704,414		
08/04/09		9,749,397	0		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					284,005			706,115		
08/08/09		9,753,763	1,624					284,480			707,282		
08/09/09 08/10/09		9,757,508	3,745 4,064					284,962			710,677		
08/10/09		9,761,572 9,762,328	4,064					285,930 286,411			714,131 714,491		
08/12/09		9,765,851	3,523					287,368			714,491		
08/13/09		9,767,253	1,402		1			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	1			,				1	
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	0.53
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					308,500			746,224		
10/06/09		9,811,856	0		6.9	1.8	1.700	308,983	6.8	2.48	746,576	7.1	0.55
10/15/09		9,827,819	15,963					314,838			757,329		
10/18/09	11/01/09	9,830,464 9,871,202	2,645	October	-			316,288			758,757		
11/02/09	11/01/09	9,877,202	44,642	64,253	-			329,981			793,417		
11/03/09		9,875,106		04,200	7.4	1.2	1.150	330,961	7.0	2.60	795,595	7.2	0.46
11/04/09		9,880,551	5,445		1.4	1.2	1.100	331,974	7.0	2.00	797,084	1.2	0.40
11/05/09		9,882,809	2,258		1			332,950			798,526		
11/11/09		9,891,712	8,903					337,309			803,889		
11/12/09		9,893,927	2,215					338,274			805,324		
11/16/09		9,896,880	2,953					339,720			807,132		
11/17/09		9,897,695	815					340,200			807,495		
11/20/09		9,899,892	2,197					341,164			808,946		
11/30/09		9,914,595	14,703					346,476			819,664		
	12/01/09	9,914,595		November									
12/01/09		9,914,595	0	43,393	7.6	1.7	1.500	347,446	7.3	2.25	820,740	7.8	0.67
12/15/09		9,931,024 9,933,254	16,429					354,237			829,781 831,213		
12/18/09	01/01/10	9,933,254	2,230	December				355,200			831,213		
01/03/10	01/01/10	9,960,004	26,816	41,409				362,443			853,235		
01/05/10		9,960,070	20,010	41,405	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		0.0	2.0	2.220	365,847		0.00	860,488		0.00
01/18/10		9,972,503			1	1		366,807	i	1	862,304	İ	1
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		7.2	0.46
02/03/10		9,994,392	3,358		I			371,664			881,364		
02/16/10		10,002,996						374,543			887,937		
02/28/10	0.5 10 11	10,009,542	6,546					376,928			892,655		
00/00/40	03/01/10	10,009,542		February	7.0	10	4.040	070.000		0.70	000 700	7.4	
03/02/10		10,009,542	0 5,799	18,508	7.6	1.6	1.340	376,928 377,919	7.4	2.70	893,732 898,085	7.4	1.41
03/06/10		10,015,341			<u> </u>			377,919 383,764			927,938		
03/13/10		10,048,818	17,275					388,140			927,938	<u> </u>	
03/23/10		10,003,891	11,710		1			392,478			942,009		
03/31/10		10,088,487	10,886		1			396,786			958,091		
	04/01/10	10,088,725		March	1	1		,	i	1		İ —	1
04/01/10		10,088,817	330	79,183	1			396,786			958,456		
04/04/10		10,092,465						398,207			961,014		
04/06/10		10,092,465	0		7.4	1.3	1.180	399,166	7.2	2.00		7.2	0.20
04/19/10		10,151,166	58,701					416,846			1,005,028		

			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)
	05/01/10	10,189,439		April									
05/03/10		10,196,869	45,703	100,715				432,284			1,038,553		
05/04/10		10,196,869	0		7.3	0.98	0.902	433,730	7.1	1.12	1,040,370	7.2	0.37
05/17/10 06/01/10		10,258,463 10,294,510	61,594 36,047					453,256 466,168			1,083,344 1,109,480		
00/01/10	06/01/10	10,294,510	30,047	May				400,100			1,109,460		1
06/01/10	00,01,10	10,294,510	0	105,071	7.6	0.85	0.762	467,117	7.2	1.44	1,110,569	7.3	0.28
06/21/10		10,372,589	78,079	, -				488,138			1,171,628		
06/30/10		10,400,340	27,751					495,720			1,193,925		
06/30/10		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 10,409,431	6,895 0		7.3	1.1	0.000	499,493	7.3	1.92	1,200,058	7.5	0.41
07/06/10 07/12/10		10,409,431 10,426,614	0 17,183		1.3	1.1	0.988	499,963 504,247	1.3	1.92	1,200,783 1,213,873	1.5	0.41
07/12/10		10,426,614	80,288		1			525,545			1,213,873		
07/22/10		10,515,567	8,665					527,488			1,282,668		
07/23/10		10,532,459	16,892					531,679			1,283,332		
	08/01/10	10,586,662		July									
08/02/10		10,594,781	62,322	184,709				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	4,265		-			550,588			1,283,332		
08/04/10 08/04/10		10,599,046 10,599,046	0					550,588 550,588			1,283,358 1,283,358		
08/04/10		10,599,040	1,891		-			551,531			1,283,338		
08/06/10		10,602,372	1,435					552,002			1,285,481		
08/07/10		10,604,242	1,870					552,943			1,286,560		
08/12/10		10,621,705	17,463					558,442			1,299,650		
08/18/10		10,644,322	22,617					565,095			1,317,296		
	09/01/10	10,664,511		August									
09/06/10		10,672,363	28,041	77,849		0.04	0.500	575,879		1.00	1,336,978		0.40
09/07/10 09/09/10		10,672,363 10,675,017	0		7.7	0.64	0.588	575,879	7.2	1.28	1,337,698 1,338,823	7.4	0.19
09/09/10		10,675,017	2,654 331					576,846 576,846			1,338,823		
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	5,149	53,291				590,497			1,371,651		
10/03/10 10/05/10		10,721,339 10,721,339	2,965 0		7.6	0.80	0.763	591,909 592,849	7.3	1.32	1,373,451 1,374,902	7.5	0.10
10/05/10		10,721,339	11,747		1.0	0.00	0.703	592,849	1.3	1.32	1,374,902	1.5	0.10
10/17/10		10,734,957	1,871		1			598,030			1,381,848	1	
10/31/10		10,760,102	25,145					605,549			1,401,547		
	11/01/10	10,760,102		October									
11/02/10		10,760,102	0	42,299	7.8	0.65	0.639	606,486	7.6	1.44	1,403,369	7.9	0.20
11/11/10		10,773,294	13,192		<u> </u>			611,203			1,410,005	<u> </u>	
11/14/10		10,775,484	2,190					612,137 613,539			1,411,471		
11/17/10 11/28/10		10,778,424 10,790,717	2,940 12,293		+			613,539 618,231			1,413,301 1,422,421		
11/20/10	12/01/10	10,790,717	12,293	November	+			010,231			1,422,421		
12/04/10	. 2, 0 ,, 10	10,800,013	9,296	34,530	1			622,006			1,428,648	1	
12/07/10		10,800,013	0		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					627,228			1,435,313		
12/20/10		10,814,659	3,601					628,621			1,437,887		
12/23/10		10,816,825	2,166		I			629,558			1,439,358		
04/00/44	01/01/11	10,827,569	40.500	December				000.050			4 440 007		
01/02/11 01/04/11		10,829,348 10,829,348	12,523 0	32,938	8.0	1.6	1.500	632,850 633,803	7.9	5.31	1,449,967 1,452,901	8.0	0.53
01/04/11		10,829,348	16,090		0.0	1.0	1.500	638,076	1.9	5.31	1,452,901	0.0	0.00
01/28/11		10,852,203	6,765		1			640,437			1,467,352		
01/30/11		10,853,317	1,114		1	1		640,910			1,468,093		

			OUTF	FALL 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)
00/04/44	02/01/11	10,853,317		January	7.0		0.400	0.11.000		1.00			0.40
02/01/11 02/02/11		10,853,317 10,854,899	0 1,582	25,748	7.9	2.1	2.100	641,382 641,426	7.7	4.90	1,468,834 1,469,273	7.6	0.18
02/02/11		10,859,963	5,064					643,318			1,409,273		
02/21/11		10,876,100	16,137					646,167			1,488,233		
02/21/11		10,876,705	605					646,167			1,488,978		
02/24/11		10,880,277	3,572					647,105			1,491,974		
02/27/11		10,883,601	3,324					648,128			1,494,713		
	03/01/11	10,883,601		February									
03/01/11		10,883,601	0	30,284	7.8	1.8	1.530	648,594	7.7	4.95	1,496,572	7.8	0.52
03/21/11		10,957,602	74,001					664,834			1,558,957		
	04/01/11	11,023,291		March									
04/04/11		11,045,838	88,236 0	139,690	0.0	0.40	0.000	687,442	70	4.40	1,632,177	77	0.04
04/05/11 04/16/11		11,045,838 11,138,592	0 92,754		8.0	0.40	0.380	688,903 710,138	7.8	1.10	1,637,351 1,708,997	7.7	0.21
04/16/11		11,138,592	92,754 77,974		<u> </u>			710,138			1,708,997	<u> </u>	
04/29/11		11,258,391	41,825					743,289			1,804,105		
04/29/11		11,262,451	4,060					744,757			1,807,043		
	05/02/11	11,274,169		April									
05/02/11		11,277,586	15,135	250,878				750,559			1,818,009		
05/03/11		11,277,586	0		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	32,469					763,336			1,841,085		
05/17/11		11,311,520	1,465					763,807			1,842,263		
	06/01/11	11,344,383		Мау									
06/02/11		11,347,664	36,144	70,214				778,512			1,868,238		
06/06/11 06/07/11		11,354,057 11,354,057	6,393 0		7.7	0.46	0.447	781,832 782,305	7.6	0.85	1,872,152 1,872,545	7.7	0.14
06/07/11		11,354,057	14,810		1.1	0.46	0.447	782,305	7.0	0.85	1,872,545	1.1	0.14
06/20/11		11,373,134	4,267					790,860			1,884,626		
00/20/11	07/01/11	11,419,112	1,201	June				100,000			1,00 1,020		
07/04/11		11,434,679	61,545	74,729				811,146			1,932,424		
07/05/11		11,434,679	0		7.9	0.78	0.752	811,621	7.6	1.50	1,933,199	7.5	0.19
07/18/11		11,450,616	15,937					818,915			1,942,544		
07/27/11		11,470,412	19,796					825,753			1,958,375		
07/28/11		11,473,213	2,801					826,666			1,960,688		
	08/01/11	11,483,192		July									
08/01/11		11,484,004	10,791	64,080	7.0	0.00	0.000	830,795	7.5	1.00	1,968,801	7.5	0.40
08/02/11		11,484,004	0 8,470		7.9	0.86	0.800	831,711 834,025	7.5	1.26	1,970,342	7.5	0.42
08/04/11 08/05/11		11,492,474 11,493,370	8,470		<u> </u>			834,025			1,975,014 1,975,820	<u> </u>	
08/15/11		11,509,618	16,248					841,800			1,986,618		
08/31/11		11,524,004	14,386				1	849,495			1,994,794		
	09/01/11	11,524,179		August				.,				1	
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			8.0	1.2	1.180	852,778	7.7	1.65	2,004,161	7.7	0.55
09/08/11		11,538,054						854,174			2,005,726		
09/19/11		11,547,336						859,158			2,011,134		
09/20/11 09/28/11		11,548,416 11,562,993	1,080 14,577		<u> </u>			859,611 863,696			2,011,902 2,024,247		
09/20/11	10/01/11	11,562,993	14,377	September				003,090			2,024,247		
10/03/11	10/01/11	11,572,412	9,419	43,925				867,344			2,031,123		
10/04/11		11,574,566		,2=0				868,253			2,032,650		
10/05/11		11,574,566				1		868,707			2,033,029	<u> </u>	1
10/06/11		11,574,566						869,161			2,033,785		
10/08/11		11,579,097	4,531					870,519			2,036,082		
10/10/11		11,579,097	0		7.5	1.2	1.090	870,972	7.4	2.15	2,036,082	7.5	0.22
10/26/11		11,603,315						879,056			2,054,141	L	
10/30/11		11,606,358	3,043		1			880,416			2,055,759		

			OUTF	FALL 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)	рH	Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L]	Analysis ¹	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)
	11/01/11	11,607,509	<u> </u>	October			Pounds Cr	,		,	,		
11/01/11		11,608,102	1,744	39,405			0.358	881,323			2,055,759		
11/02/11		11,608,233	131	,				881,362			2,055,792		
11/03/11		11,608,233	0		8.2	1.3	1.220	881,378	8.1	2.46	2,055,818	8.0	0.03
11/05/11		11,611,395	3,162					882,340			2,059,467		
11/06/11		11,614,756	3,361					883,608			2,062,594		
11/07/11		11,616,924	2,168					883,718			2,063,343		
11/08/11		11,618,636	1,712					884,345			2,065,014		
11/12/11		11,651,616	32,980					890,384			2,094,235		
11/15/11		11,662,529	10,913					894,135			2,102,462		
11/23/11		11,677,899	15,370					900,936			2,112,833		
11/29/11		11,687,640	9,741				Pounds Cr	905,028			2,119,690		
	12/01/11	11,689,609		November			0.834				ļ		
12/01/11		11,687,640		82,100	7.4	1.7	1.700	905,938	7.8	2.65	2,119,690	8.0	0.72
12/06/11		11,706,691	19,051		I			910,893			2,134,888		
12/15/11		11,724,224	17,533		I			918,198			2,147,141		
12/26/11		11,737,368						924,102			2,155,863		
12/31/11		11,742,107	4,739					926,371			2,158,911		
	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					934,572			2,169,652		
01/31/12		11,761,124	2,137				Pounds Cr	935,480			2,171,180		
	02/01/12	11,761,228		January			0.137						
02/02/12		11,761,124	0	19,024	7.4	2.1	1.860	936,191	7.7	2.50	2,172,687	7.7	6.1
02/07/12		11,763,586	2,358					938,043		2.80	2,176,546		1.71
02/22/12		11,778,355	14,769					941,736			2,183,827		
02/24/12		11,780,157	16,571					942,642			2,184,964		
02/28/12		11,782,379	18,793				Pounds Cr	943,547			2,186,478		
	03/01/12	11,783,379		February			0.329						
03/01/12		11,782,379	0	21,255	7.1	2.6	2.560	944,002	7.3	3.45	2,186,478	7.6	2.04
03/14/12		11,824,851	41,472					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		11,906,449	9,550					986,147			2,282,902		
	05/01/12	11,923,538		April			Pounds Cr				ļ		
05/02/12		11,930,935		58,515	1		0.356	996,194			2,300,258		
05/03/12		11,933,848				ļ		997,107			2,302,572		
05/09/12		11,989,964						1,010,822			2,349,979		
05/14/12		12,005,061	15,097					1,016,338			2,361,277		
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			1			1,021,100			2,368,989		
05/22/12		12,018,570				ļ		1,022,007			2,370,141		
05/24/12		12,021,249						1,023,245			2,372,066		
05/31/12		12,028,808	7,559					1,027,317			2,378,556		
	06/01/12	12,029,342		Мау	1		Pounds Cr				ļ		
06/02/12		12,030,994		105,804		ļ	0.512	1,027,317			2,378,556		
06/05/12		12,033,617				ļ		1,028,676			2,380,101		
06/07/12		12,033,617			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	13,234					1,034,134			2,389,253		
06/29/12		12,056,747	9,896			ļ		1,038,653			2,395,689		
	07/01/12	12,057,998		June			Pounds Cr				ļ		
07/03/12		12,059,332		28,656			0.121	1,040,009			2,397,210		
07/05/12		12,059,332			6.1	0.98	0.906	1,040,913	6.2	1.24	2,397,969	6.6	0.19
07/10/12		12,064,003	4,671					1,042,739			2,402,552		
07/20/12		12,069,263	5,260		1			1,045,446			2,402,552		

			OUTI	FALL 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)
	08/01/12	12,078,083		July			Pounds Cr						
08/01/12		12,078,359	9,096	20,085			0.152	1,049,510			2,408,561		
08/02/12		12,078,359	0		6.2	1.20	1.120	1,049,969	6.2	1.72	2,408,954	6.0	0.56
08/07/12		12,082,510	4,151					1,051,808			2,410,869		
08/16/12	00/04/42	12,098,108	15,598	A			Devende Cr	1,056,800			2,423,447		
09/01/12	09/01/12	<u>12,111,167</u> 12,111,772	13,664	August 33,084			Pounds Cr 0.309	1,063,135			2,432,088		
09/09/12		12,111,772	4,839	33,004			0.309	1,065,875			2,432,000		
09/11/12		12,117,783	1,172			1.70	1.520	1,066,747	6.4	0.72	2,435,127	6.3	0.21
09/18/12		12,121,226	3,443					1,068,577			2,437,061		
09/26/12		12,125,024	3,798					1,070,837			2,438,957		
	10/01/12	12,126,164		September			Pounds Cr						
10/04/12		12,127,304	2,280	14,997			0.190	1,072,193			2,440,091		
10/04/12		12,127,304	1,140			1.50	1.370	1,072,193	6.4	1.44	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	L	
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		
44/00/40	11/01/12	12,191,094	7.110	October			Pounds Cr	1 000 0 10			0.400.054		
11/06/12 11/09/12		12,196,769 12,198,437	7,116 1,668	64,930	NA	1.1	0.741 1.040	1,096,343 1,097,450	NA	1.34	2,493,654 2,494,750	NA	0.21
11/09/12		12,198,437	1,008		INA	1.1	1.040	1,103,179	INA	1.34	2,494,750 2,504,679	INA	0.21
11/30/12		12,212,741	5,270					1,106,155			2,504,079		
11/00/12	12/01/12	12,218,663	0,210	November			Pounds Cr	1,100,100			2,007,000		
12/03/12	1201712	12,219,752	1,089	27,569			0.239	1,107,006			2,508,689		
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		12,234,632	11,343					1,114,683			2,517,462		
12/31/12		12,239,248	4,616					1,117,237			2,520,012		
	01/01/13	12,239,543		December			Pounds Cr						
01/01/13		12,239,958	710	20,880			0.191	1,117,663			2,520,377		
01/10/13		12,246,590	6,632			1.90	1.720	1,120,640	7.7	1.68	2,524,770	8.0	1.32
01/24/13		12,278,928	32,338					1,130,141			2,550,847		
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		-
00/04/40	02/01/13	12,288,247	1.100	January			Pounds Cr	1 100 000			0.550.450		
02/01/13		12,289,018 12,293,874	1,126 4,856	48,644	7.9	0.82	0.697 0.663	1,132,680 1,134,376	7.6	1.35	2,559,456 2,563,137	8.0	0.22
02/07/13		12,293,874	4,856		7.9	0.82	0.003	1,134,376	7.0	1.55	2,563,137	0.0	0.22
02/20/13		12,300,443	19,307					1,140,359			2,578,725		
02/21/10	03/01/13	12,314,165	10,007	February			Pounds Cr	1,140,000			2,010,120		1
03/03/13	00,01/10	12,315,958	2,777	25,918	1		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	0.27
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		0.00	2,655,346	7.1	
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	05/04/40	12,522,138	60,641	المعال			Bounda Cr	1,196,092			2,749,790		
05/01/13	05/01/13	12,570,545		April 166,817			Pounds Cr 0.599						
05/01/13		12,571,333	49,195	100,017	8.1	0.56	0.553	1,215,096	7.3	0.38	2,785,968	7.8	0.09
05/19/13		12,623,298	51,965		5.1	0.00	0.000	1,235,753	7.5	0.00	2,823,953	,	0.03
00,10,10	06/01/13	12,647,282	01,000	May		1	Pounds Cr	.,_00,700			_,0_0,000		1
	20/01/10	,5,202		76,737			0.353						
06/06/13		12,657,605	34,307		7.6	0.96	0.826	1,251,551	7.4	0.47	2,849,502	7.8	0.73
06/12/13		12,669,485	11,880					1,256,351			2,857,966		
06/17/13		12,680,642	11,157					1,259,722			2,867,078		
	07/01/13	12,727,950		June			Pounds Cr						
				80,668			0.555						
07/18/13		12,767,116			7.4	0.73	0.694	1,286,165	6.7	0.73	2,938,280	7.5	0.07
07/31/13		12,780,876	13,760		1			1,293,015			2,947,351	1	

			ουτι	FALL 001				Ма	nhole	#1	Ма	nhole	e #2
Date Actual	Date For Linear Interpolation	Metered Discharge Reading (gallons)	Gallons Discharged Between Meter Reading	Monthly Discharge (gallons)	рН	Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L]	Analysis ¹	Flow Totalizer #1 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)	Flow Totalizer #2 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)
	08/01/13	12,781,814		July			Pounds Cr						
				53,864			0.311						
08/04/13		12,784,628	3,752					1,293,015			2,947,351		
08/07/13		12,786,184	1,556					1,295,588			2,951,110		
08/08/13		12,786,555	371		7.5	0.83	0.775	1,296,442	6.8	0.68	2,951,801	7.2	0.16
08/19/13		12,795,058	8,503					1,298,966			2,954,811		
08/21/13		12,795,638	580					1,300,287			2,956,243 2,957,147		
08/26/13 08/28/13		12,797,295 12,800,434	1,657 3,139					1,301,154 1,302,541			2,957,147		
00/20/13	09/01/13	12,803,511	3,139	August			Pounds Cr	1,302,341			2,930,907		
09/01/13	00/01/10	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		12,811,883	8,372					1,306,947			2,966,675		
09/11/13		12,815,166	7,070					1,309,139			2,968,968		
09/14/13		12,818,151	6,268					1,310,005			2,970,501		
09/18/13		12,822,283	7,117		7.3	1.3	1.170	1,311,729	7.1	0.99	2,973,533	7.3	0.19
09/30/13		12,833,637	11,354					1,317,815			2,980,475		
10/01/10	10/01/13	12,834,025		September			Pounds Cr				0.000.475		
10/01/13		12,834,025	388	30,514			0.297	1,318,244			2,980,475		
10/08/13 10/16/13		12,843,796 12,852,554	9,771 8,758					1,321,693 1,325,559			2,988,064 2,994,143		
10/18/13		12,852,554	2,473		7.7	1.20	1.120	1,326,419	7.5	1.04	2,994,143	7.8	0.14
10/10/13	11/01/13	12,867,815	2,475	October	1.1	1.20	Pounds Cr	1,520,413	1.5	1.04	2,330,041	7.0	0.14
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	0.11
11/20/13		12,924,566	21,199					1,350,740			3,051,316		
	12/01/13	12,940,971		November			Pounds Cr						
12/02/13		12,944,252	19,686	73,156			0.560	1,360,688			3,063,995		
12/10/13		12,954,971	10,719		7.6	1.4	1.320	1,365,411	7.4	2.70	3,071,689	7.1	0.07
12/12/13		12,957,411	2,440					1,366,744			3,073,244		
12/23/13 12/31/13		12,965,941	8,530					1,371,029 1,373,592			3,078,956		
12/31/13	04/04/44	12,970,459 12,970,599	4,518	December			Downdo Cr	1,373,592			3,081,611		
01/01/14	01/01/14	12,970,599	313	29,628			Pounds Cr 0.326	1,373,592			3,081,991		
01/01/14		12,976,884	6,112	23,020	7.5	1.2	1.050	1,376,582	7.1	2.20	3,086,176	7.6	0.11
01/31/14		12,983,061	6,177		1.0	1.2	1.000	1,379,605		2.20	3,090,406	7.0	0.11
	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										
	03/01/14	12,993,783		February			Pounds Cr		L		ļ	L	ļ
03/01/14		12,993,909		10,518			0.141						
03/13/14 03/31/14		13,005,882	11,973		7.6	0.38	0.434	1,385,639	7.7	5.80	3,112,477	8.0	0.30
03/31/14	04/01/14	13,059,539 13,059,979	53,657	March			Pounds Cr		-				
04/01/14	04/01/14	13,059,979	2,111	66,196			0.239	1,399,014			3,165,447		+
04/01/14		13,061,650		00,190			0.239	1,399,014			3,165,447		
04/12/14		13,099,571	8,086					1,412,822			3,195,631		
04/15/14		13,135,912					1	1,424,711			3,224,028		
04/18/14		13,165,955						1,434,115			3,247,300	1	
04/22/14		13,210,016			7.6	0.44	0.377	1,440,204	7.4	0.72	3,258,396	7.5	0.31
	05/01/14	13,211,258		April			Pounds Cr						
05/01/14		13,211,345		151,279			0.475	1,451,524			3,282,450		
05/13/14		13,267,656			7.5	0.28	0.273	1,471,868	7.3	0.73	3,326,392	7.4	0.20
05/14/14		13,280,912						1,475,015			3,337,773		
05/15/14		13,286,754						1,476,780	ļ		3,342,511	ļ	
05/20/14		13,304,068	17,314					1,483,692			3,355,729		

			OUTI	FALL 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]	Analysis ¹	Flow Totalizer #1 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)	Flow Totalizer #2 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)
	06/01/14	13,332,599		May			Pounds Cr						
06/02/14		13,336,115	32,047	121,341			0.276	1,495,755			3,382,176		
06/12/14		13,372,027	35,912		7.9	0.40	0.381	1,508,756	7.6	0.60	3,410,073	7.8	0.20
06/14/14		13,374,936						1,510,080			3,412,070		
06/17/14		13,379,348						1,512,220			3,415,268		
06/19/14		13,394,274						1,514,826			3,429,626		
06/20/14		13,401,646						1,517,014			3,436,003		
06/30/14		13,444,046	42,400					1,531,745			3,470,067		-
07/04/44	07/01/14	13,445,046	0.000	June			Pounds Cr	1,532,601			3,472,302		
07/01/14		13,446,138		112,447			0.357	4 500 400			0 475 407		
07/02/14 07/09/14		13,449,088 13,463,816			7.7	0.68	0.689	1,533,460 1,539,906	7.4	1.0	3,475,127 3,486,800	7.4	1.0
07/09/14		13,403,610	8,288		1.1	0.00	0.009	1,543,805	7.4	1.0	3,480,800	7.4	1.0
07/14/14		13,472,104		July			Pounds Cr	1,543,805			3,492,830		<u> </u>
07/20/14	08/01/14	13,480,642	0,038	36,700			0.211	1,551,005			3,301,179	<u> </u>	
08/01/14	00/01/14	13,481,837	1,195	30,700	1		0.211	1,552,341			3,502,760		<u> </u>
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			0.001	0.12	1,560,483			3,517,406		0.02
08/19/14		13,509,446						1,562,278			3,523,163		
08/20/14		13,517,300						1,563,989			3,530,111		
08/22/14		13,525,676						1,567,014			3,536,533		
08/25/14		13,534,424						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						1,600,155	7.0	4.00	3,577,644		
10/16/14		13,633,400		Ortobar	7.3	0.67	0.596	1,610,440	7.8	1.28	3,619,044	7.4	0.36
10/28/14	44/04/44	13,658,462 13,662,568	25,062	October 60,027			Pounds Cr 0.298	1,621,724			3,636,660		
11/01/14	11/01/14	13,663,621	5,159	60,027			0.296	1,624,238			3,640,194		ł
11/01/14		13,672,756			8.1	1.1	0.980	1,629,780	7.6	1.62	3,648,121	8.1	1.08
11/30/14		13,695,977			0.1	1.1	0.900	1,640,533	7.0	1.02	3,663,353	0.1	1.00
11/00/14	12/01/14	13,696,416	20,221	November			Pounds Cr	1,040,000			0,000,000		
12/01/14	1201111	13,697,118	1,141	37,515			0.306	1,640,533			3,663,353		
12/04/14		13,701,386		. ,		1		1,643,108		1	3,666,947	İ —	
12/08/14		13,705,980			1			1,645,245			3,670,118		
12/12/14		13,709,486			8.1	1.5	1.320	1,646,957	7.7	2.72	3,672,490	8.5	0.35
12/31/14		13,768,265	58,779					1,666,522			3,720,581		
	01/01/15	13,769,665		December			Pounds Cr						
01/01/15		13,770,654		73,249			0.805	1,667,388			3,722,195		
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	12,617					1,679,866			3,742,191		
	02/01/15	13,798,602		January	ļ		Pounds Cr			ļ		L	
02/01/15		13,798,727		28,937		a = :	0.144	1,679,866			3,742,588	7.4	
02/04/15		13,800,127			8.1	0.74	0.721	1,680,719	7.9	1.48	3,743,379	7.1	0.17
02/16/15		13,804,943			<u> </u>			1,682,892			3,746,962		┟────
02/20/15		13,805,957 13,806,974						1,683,320			3,747,752		+
02/24/15 02/28/15		13,806,974			<u> </u>			1,683,745 1,684,600			3,748,542 3,749,334	<u> </u>	<u> </u>
02/28/15	03/01/15	13,808,369	1,395	February			Pounds Cr	1,084,000			3,149,334		<u> </u>
03/01/15	03/01/15	13,808,507	321	9,905			0.059	1,684,600			3,749,728		<u> </u>
03/18/15		13,808,090		3,303	8.2	0.80	0.039	1,687,150	7.2	1.00	3,749,728	8.0	0.34
03/18/15		13,815,928			0.2	0.00	0.715	1,688,046	1.2	1.00	3,759,604	0.0	0.34
03/25/15		13,816,332						1,688,901			3,759,889	<u> </u>	t
03/26/15		13,816,697						1,689,329			3,760,382		1

			OUTI	FALL 001				Ма	nhole	#1	Ма	nhole	e #2
Date Actual	Date For Linear Interpolation	Metered Discharge Reading (gallons)	Gallons Discharged Between Meter Reading	Monthly Discharge (gallons)	рН	Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L]	Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L]	Flow Totalizer #1 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)	Flow Totalizer #2 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)
	04/01/15	13,822,714		March			Pounds Cr						
04/07/15		13,823,071	6,374	14,207			0.084	1,694,467			3,765,931		
04/15/15		13,856,854	33,783		7.4	0.92	0.858	1,704,938	7.7	1.92	3,792,943	7.0	0.25
04/30/15		13,885,187	28,333					1,718,370			3,812,262		
	05/01/15	13,885,585		April			Pounds Cr						
05/04/15		13,889,467	4,280	62,871		0.00	0.449	1,720,520	7.0	0.00	3,815,063	0.4	0.07
05/13/15		13,898,048	8,581		8.0	0.60	0.554	1,724,812	7.8	0.92	3,820,667	8.1	0.37
05/18/15 05/19/15		13,905,897 13,909,365	7,849 3,468					1,727,444 1,728,740			3,827,133 3,830,304		-
05/19/15		13,909,365	3,408 5,599					1,728,740			3,830,304		
05/25/15		13,920,921	5,957					1,733,052			3,839,818		
05/28/15		13,937,530	16,609					1,736,965			3,854,997		
00/20/10	06/01/15	13,958,452	10,000	May			Pounds Cr	.,. 00,000			0,004,007	1	
06/02/15	20/01/10	13,967,174	29,644	72,867			0.336	1,746,201			3,878,793	1	1
06/03/15		13,970,819		,		1		1,747,948		1	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		7.2	0.27
06/16/15		14,018,102	31,390					1,765,062			3,917,649		
06/19/15		14,042,191	24,089					1,772,128			3,937,351		
06/28/15		14,066,780	24,589					1,781,741			3,956,167		
06/30/15		14,069,200	2,420					1,783,061			3,957,962		
	07/01/15	14,069,642		June			Pounds Cr						
07/01/15		14,069,914	714	111,190			0.506	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		7.5	0.23
07/14/15		14,085,720	8,419					1,790,678			3,970,192		
07/29/15	08/01/15	14,114,029 14,115,454	28,309	July			Pounds Cr	1,804,056			3,993,110		-
08/05/15	06/01/15	14,117,883	3,854	45,812			0.134	1,807,395			3,995,776		
08/03/13		14,117,883	13,646	43,012		0.41	0.371	1,812,749	7.2	0.51	4,006,460	7.1	0.19
08/17/15		14,137,372	5,843			0.41	0.071	1,816,582	1.2	0.01	4,010,201		0.10
08/18/15		14,138,406	1,034					1,817,349			4,011,060		
08/27/15		14,145,800	7,394					1,822,802			4,016,771		
	09/01/15	14,151,425		August			Pounds Cr						
09/04/15		14,155,393	9,593	35,971			0.111	1,828,088			4,025,183		
09/09/15		14,175,870	20,477		7.6	0.23	0.208	1,833,613	7.2	0.72	4,041,266	7.0	0.14
09/18/15		14,191,902	16,032					1,843,839			4,055,798		
09/28/15		14,211,188	19,286					1,852,031			4,069,063		
09/29/15		14,211,559	371					1,852,459			4,069,894		
	10/01/15	14,212,577		September			Pounds Cr						
10/01/15		14,212,781	1,222	61,152			0.106	1,853,738			4,071,365		
10/07/15		14,220,473	7,692			0.72	0.661	1,856,721	7.2	1.26		7.3	0.16
10/13/15		14,226,617	6,144					1,859,329	-		4,079,148	<u> </u>	
10/21/15 10/27/15		14,233,700 14,241,197	7,083 7,497					1,863,168 1,865,726			4,082,924 4,088,517		ł
10/27/15	11/01/15	14,241,197	7,497	October			Pounds Cr	1,000,720	-		4,000,017		
11/02/15	1/01/15	14,266,255	25,058	48,029			0.264	1,872,203			4,108,562		1
11/02/13		14,288,543		-0,020	7.7	0.73	0.700	1,882,551	7.3	1.20		7.6	0.26
11/30/15		14,334,387	45,844					1,898,090			4,155,815		0.20
	12/01/15	14,336,677	,	November		1	Pounds Cr	,,		1	,,	1	1
12/01/15		14,339,197	4,810	76,072			0.443	1,899,821			4,159,227	1	
12/10/15		14,364,604	25,407		7.9	0.69	0.627	1,910,218	7.4	0.66		7.3	0.30
12/21/15		14,458,622	94,018					1,937,179			4,246,823		
	01/01/16	14,487,544		December			Pounds Cr						
01/01/16		14,488,585		150,867			0.788	1,949,306			4,267,333		
01/07/16		14,499,288	10,703		7.9	0.62	0.572	1,954,033	7.4	0.87	4,274,451	7.6	0.40
	02/01/16	14,532,622		January			Pounds Cr						
02/01/16		14,533,138		45,078			0.215	1,971,254			4,316,580		
02/10/16		14,562,012			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					1,982,872			4,359,110		

			OUTI	FALL 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)	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)	pH	Hexavalent Chromium Hach Test Kit (mg/L)
	03/01/16	14,602,713	Jan J	February	P		Pounds Cr	(3 ,			(3 ,		
03/01/16		14,603,747	2,379	70,091			0.501	1,983,300			4,361,401		
03/10/16		14,625,282	21,535	-	7.9	0.63	0.609	1,988,471	7.3	1.44	4,380,928	7.4	0.37
03/31/16		14,728,685	103,403					2,017,845			4,463,804		
	04/01/16	14,733,540		March			Pounds Cr						
04/02/16		14,751,888	23,203	130,827			0.663	2,023,638	7.0	0.50	4,482,114	7.0	0.0
04/06/16	05/01/16	14,770,034 14,827,634	18,146	April	7.8	0.38	0.244 Pounds Cr	2,029,748	7.2	0.53	4,495,836	7.2	0.24
05/03/16	05/01/16	14,834,742	64,708	94,094			0.191	2,057,059			4,539,976		
05/12/16		14,846,704	19,070	34,034	7.6	0.70	0.645	2,062,615	7.2	0.47	4,547,811	7.1	0.6
05/17/16		14,856,181	9,477		1.0	0.10	0.010	2,067,406		0.11	4,553,472		0.0
	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	0.2
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	0.2
07/31/16	00/04/40	15,036,518	38,063	July			Pounds Cr	2,138,364			4,681,191		
08/01/16	08/01/16	15,036,760 15,037,244	726	55,849			0.200	2,138,788			4,682,282		
08/11/16		15,037,244	9,769	33,049	7.4	0.61	0.583	2,136,788	7.1	0.98	4,687,103	7.1	0.1
08/24/16		15,065,460	18,447		7.4	0.01	0.505	2,152,060	7.1	0.00	4,700,186	1.1	0.1.
00/21/10	09/01/16	15,080,715	10,111	August			Pounds Cr	2,102,000			1,100,100		
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	0.1
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	44/04/40	15,170,280	7,304	Ostahar	7.5	0.76	0.707	2,194,329	7.1	1.17	4,771,417	7.2	0.2
11/01/10	11/01/16	15,218,316	48,636	October 55,706			Pounds Cr	0.014.074			4 802 700		
11/01/16 11/09/16		15,218,916 15,231,072	48,636	55,706	7.7	0.58	0.328	2,214,974 2,221,415	7.3	1.02	4,803,706 4,810,434	7.2	0.1
11/30/16		15,257,768	26,696		1.1	0.56	0.550	2,221,415	1.5	1.02	4,810,434	1.2	0.1
11/00/10	12/01/16	15,259,593	20,000	November			Pounds Cr	2,201,700			4,020,012		
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	0.2
	01/01/17	15,320,273		December			Pounds Cr						
01/05/17		15,328,203	50,044	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	0.4
01/31/17		15,387,622	59,419					2,272,198			4,933,594		
	02/01/17	15,387,845		January			Pounds Cr						
02/01/17		15,388,387	765	67,572	7.0	0.50	0.504	2,272,625	75	0.00	4,933,971	74	0.4
02/09/17	03/01/17	15,399,455 15,452,749	11,068	February	7.8	0.56	0.542 Pounds Cr	2,277,351	7.5	0.99	4,941,836	7.1	0.1
03/08/17	03/01/17	15,476,369	76,914	64,904			0.305						
03/08/17		15,476,369		04,004	7.8	0.59	0.539	2,302,121	7.3	1.14	5,002,178	7.3	0.2
03/14/17		15,497,125	-			2.00	1.500	2,309,539			5,016,906		0.2
03/25/17		15,528,765						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		106,059			0.476	2,333,037			5,064,049		
04/06/17		15,582,526			7.7	0.43	0.405	2,340,089	7.3	0.57	5,064,049	7.3	0.2
04/27/17		15,676,954	94,428		L		_	2,372,953			5,146,405		
05/01/15	05/01/17	15,703,639	F1 01-	April	<u> </u>		Pounds Cr						
05/04/17		15,728,166		144,831	7.0	0.00	0.488	0.007.550	7 4	0.00	E 405 007	6.0	0.0
05/04/17	06/04 /47	15,728,166 15,796,047	0	May	7.6	0.28	0.257 Pounds Cr	2,387,552	7.1	0.36	5,185,807	6.8	0.21
06/08/17	06/01/17	15,812,038	83,872	92,408			0.198						
00/00/17		10,012,000	03,072	92,400	7.5	0.35	0.325	2,421,837	7.1	0.36	5,243,312	7.2	0.16

			OUT	FALL 001				Ма	nhole	#1	Manhole #2		
Date Actual	Date For Linear Interpolation	Metered Discharge Reading (gallons)	Gallons Discharged Between Meter Reading	Monthly Discharge (gallons)	рН	Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L]	Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L]	Flow Totalizer #1 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)	Flow Totalizer #2 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)
	07/01/17	15,888,740		June			Pounds Cr						
07/01/17		15,891,390	79,352	92,693			0.251						
07/06/17		15,902,647	11,257		7.5	0.57	0.525	2,453,044	7.1	0.69	5,309,639	7.0	0.50
07/31/17		15,945,154	42,507					2,472,011			5,337,122		
00/04/47	08/01/17	15,945,504	700	July			Pounds Cr	0.170.100			5 007 100		
08/01/17 08/09/17		15,945,880 15,958,437	726 12,557	56,764	7.4	0.00	0.248 0.624	2,472,438	7.0	0.66	5,337,492 5,347,291	6.9	0.38
08/09/17	09/01/17	15,958,437	12,557	August	7.4	0.68	Pounds Cr	2,478,016	7.0	0.00	5,347,291	0.9	0.30
09/07/17	09/01/17	16,001,926	43,489	46,985			0.244	2,472,438			5,337,492		
09/07/17		16,001,926	43,403	40,000	7.4	0.50	0.488	2,497,770	7.1	0.68	5,375,524	6.9	0.14
09/29/17		16,031,780	29,854			0.00	01100	2,510,609		0.00	5,395,101	0.0	0
	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	0.22
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		
10/00/17	12/01/17	16,110,147	0.400	November			Pounds Cr	0.550.000			E 454 007		
12/03/17		16,112,117	2,428	29,901	7.4	0.00	0.179	2,550,308	7.4	1.00	5,451,687 5,453,973	74	0.00
12/07/17 12/14/17		16,115,265			7.4	0.82	0.755	2,551,590 2,551,590	7.4	1.29	5,453,973	7.4	0.20
12/14/17		16,121,000	10,936					2,551,590			5,464,203		
12/31/17	01/01/18	16,132,116	10,930	December			Pounds Cr	2,500,147			3,404,203		
01/01/18	01/01/10	16,132,328	392	21,969			0.138	2,560,571			5,464,203		1
01/04/18		16,133,697	1,369	,		0.78	0.734	2,560,993		0.41	5,465,331		0.04
	02/01/18	16,144,665	,	January			Pounds Cr	,,			-,,		
02/01/18		16,144,863	11,166	12,549			0.077	2,566,068			5,472,876		
02/08/18		16,147,315	2,452		7.8	0.75	0.906	2,567,326	7.4	1.68	5,474,376	7.2	0.16
02/28/18		16,155,889	8,574					2,570,306			5,481,207		
	03/01/18	16,156,053		February			Pounds Cr						
03/01/18		16,156,211	322	11,388			0.086	2,570,306			5,481,586		
03/08/18		16,163,746			7.7	0.52	0.526	2,574,570	7.4	0.78	5,485,747	7.2	0.20
03/27/18		16,183,153	19,407				-	2,585,717			5,495,623		
03/31/18	0.1/01/10	16,188,615	5,462	Manak				2,472,869*			5,499,048		
04/01/18	04/01/18	16,189,199 16,190,057	1,442	March 33,146			Pounds Cr 0.145	2 472 216			5,500,204		
04/01/18		16,190,037		55,140	7.7	0.60	0.585	2,473,316 2,476,332	7.3	0.84	5,502,874	7.4	0.3
04/05/18		16,195,349	5,292 8,372		1.1	0.00	0.000	2,476,332	1.3	0.04	5,502,874	7.4	0.3
04/25/18		16,302,239	98,518				1	2,508,161			5,586,326		l
04/30/18		16,328,835				1		2,516,938	i	1	5,606,361		İ
	05/01/18	16,330,212		April			Pounds Cr						
05/01/18		16,331,044	2,209	141,013			0.687	2,517,809			5,607,864		
05/04/18		16,360,268						2,526,963			5,630,632		
05/10/18		16,409,694			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						2,547,991	ļ		5,681,939		ļ
05/24/18		16,455,003						2,557,801	ļ		5,698,300		
05/29/18	0-1-11-1	16,462,967	7,964					2,562,178			5,702,537		
00/04/42	06/01/18	16,466,594	4.000	May			Pounds Cr	0.500.470			E 705 075		
06/01/18 06/05/18		16,467,299 16,476,100		136,382			0.358	2,563,476	-		5,705,975		
06/05/18		16,476,100			7.6	0.38	0.382	2,566,515 2,568,258	7.1	0.53	5,712,597 5,715,101	7.3	0.2
06/30/18		16,480,044			1.0	0.30	0.302	2,568,258	1.1	0.03	5,756,117	1.5	0.2
00/00/10	07/01/18	16,537,690	57,125	June			Pounds Cr	2,000,014			0,700,117		
07/01/18	5.761.10	16,538,238	1,071	71,096			0.226	2,589,032			5,756,879		l
07/05/18		16,542,427		-,	7.6	0.31	0.311	2,591,176	7.2	0.57	5,759,920	7.1	0.10
07/12/18		16,545,145			-			2,594,639			5,763,368		1
07/19/18		16,553,309					1	2,597,639			5,766,777		İ
07/31/18		16,571,725						2,604,452	I		5,779,752		

			OUTI	OUTFALL 001					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]	Analysis ¹	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)
	08/01/18	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	0.27
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	0.08
09/17/18		16,734,724	39,555					2,659,921			5,899,762		
09/18/18		16,738,499	3,775					2,660,806			5,903,277		
09/30/18		16,775,825	37,326					2,672,955			5,932,062		
	10/01/18	16,776,168		September			Pounds Cr						
10/01/18		16,776,700	875	136,003			0.290	2,673,387			5,932,454		
10/03/18		16,785,853	9,153		7.8	0.30	0.303	2,675,556	7.3	0.60	5,940,463	7.1	0.22
10/25/18		16,899,216	113,363					2,709,668			6,027,153		
	11/01/18	16,908,245		October			Pounds Cr						
11/01/18		16,908,712	9,496	132,077			0.333	2,713,560			6,033,788		
11/07/18		16,921,099			7.7	0.38	0.424	2,717,458	7.1	0.36	6,044,211	6.8	0.34
11/12/18		16,936,140						2,723,181			6,054,634		
11/14/18		16,940,487	4,347					2,725,362			6,057,406		
11/16/18		16,944,318	3,831					2,727,099			6,059,771		
11/19/18		16,949,417	5,099					2,729,266			6,063,298		
	12/01/18	16,964,903		November			Pounds Cr						
12/06/18		16,972,133	22,716	56,658			0.200	2,738,784			6,080,566		
12/06/18		16,972,133	0		8.0	0.52	0.521	2,738,784	7.4	0.53	6,080,566	7.2	0.45
	01/01/19	17,020,007		December			Pounds Cr						
01/04/19		17,021,076	48,943	55,104			0.239	2,757,483			6,116,420		
01/10/19		17,051,054	29,978		7.8	0.26	0.246	2,765,903	7.2	0.41	6,140,244	7.0	0.18
	02/01/19	17,085,876		January			Pounds Cr						
02/01/19		17,086,762	35,708	65,869			0.135	2,779,438			6,166,376		
02/07/19		17,092,183	5,421		8.0	0.36	0.398	2,781,163	7.5	0.37	6,170,668	7.3	0.35
	03/01/19	17,108,085		February			Pounds Cr						
03/01/19		17,108,314	16,131	22,209			0.074	2,786,817			6,183,118		
03/07/19		17,112,149	3,835		7.9	0.29	0.296	2,788,121	7.4		6,186,219	7.4	
03/26/19		17,201,867	89,718					2,810,744			6,261,318		
	04/01/19	17,220,303		March			Pounds Cr						
04/02/19		17,221,255	19,388	112,218			0.277	2,818,615			6,274,417		
04/02/19		17,221,255			7.7	0.40	0.408	2,818,615	7.2	0.53	6,274,417	7.2	0.15
04/18/19		17,270,735						2,834,848			6,312,336		
04/30/19	05/04/40	17,336,326	65,591	A			David - O	2,855,668			6,362,011	<u> </u>	
05/04/40	05/01/19	17,338,042	1.100	April			Pounds Cr	0.050.001			0.005.040	<u> </u>	
05/01/19 05/09/19		17,340,509	4,183	117,739	7.0	0.40	0.400	2,856,981	70	0.00	6,365,212	7.0	0.66
05/09/19	00/04/40	17,366,641	26,132	Max	7.8	0.43	0.441	2,866,635	7.2	0.39	6,383,940	7.2	0.66
06/06/19	06/01/19	17,467,893	105.001	May		<u> </u>	Pounds Cr	2.950.004			6 265 040		
		17,492,562	1	129,851	7.6	0.22	0.477	2,856,981	7.2	0.32	6,365,212	7.0	0.22
06/06/19 06/11/19		17,492,562			1.0	0.23	0.249	2,908,632 2,912,952	1.2	0.32	6,478,871 6,486,321	1.0	0.22
		17,502,105						2,912,952					
06/18/19	07/01/19	17,525,532	23,427	June		ł	Pounds Cr	2,920,298			6,503,730		ł
07/08/19	07/01/19	17,613,923	88,391	113,137		ł	0.235	2,947,437			6,572,415		ł
07/08/19		17,613,923	1	113,137	7.6	0.25	0.235	2,947,437	7.1	0.48	6,576,370	7.0	0.12
07/10/19		17,619,393			1.0	0.20	0.229	2,949,581	1.1	0.40	6,590,064	1.0	0.12
07/22/19	-	17,636,628				ł		2,958,908			6,596,369		ł
07/23/19		17,644,137				ł		2,958,908			6,602,890		ł
					1			4.301.310	1	1	0.002.090	•	1

			OUT	FALL 001				Ма	nhole	#1	Manhole #2		
Date Actual	Date For Linear Interpolation	Metered Discharge Reading (gallons)	Gallons Discharged Between Meter Reading	Monthly Discharge (gallons)	рН	Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L]	Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L]	Flow Totalizer #1 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)	Flow Totalizer #2 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)
	08/01/19	17,662,953		July			Pounds Cr						
08/01/19		17,663,650	1,114	81,923			0.156	2,965,752			6,607,522		
08/07/19		17,674,432	10,782		7.7	0.37	0.383	2,969,223	7.3	0.38	6,615,773	7.5	0.30
08/31/19		17,712,769	38,337					2,984,986			6,643,285		
	09/01/19	17,713,001		August			Pounds Cr						
09/01/19		17,713,872	1,103	50,048			0.160	2,985,412			6,644,057		
09/05/19		17,719,385			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						3,009,066			6,701,147		
09/30/19	40/04/40	17,829,959	39,309	Contombor			Davida On	3,022,795			6,730,481		
10/01/10	10/01/19	17,830,522	4 450	September 117,521			Pounds Cr	2.005.442			0.044.057		
10/01/19 10/10/19		17,831,112	1,153 64,439	117,521	7.7	0.22	0.479 0.239	2,985,412 3,042,581	7.4	0.35	6,644,057	7.2	0.16
		17,895,551 17,949,436			1.1	0.23	0.239		7.4	0.35	6,779,975	1.2	0.16
10/31/19	11/01/19	17,949,436	53,665	October			Pounds Cr	3,063,263			6,819,059		
11/01/19	11/01/19	17,950,221	1,386	119,699			0.238	3,063,964			6,819,849	<u> </u>	
11/07/19		17,950,822	13,359	. 10,000	8.0	0.36	0.343	3,069,346	7.5	0.39	6,828,897	7.7	0.26
11/30/19		18,029,863	65,682		0.0	0.00	0.040	3,091,286	7.0	0.00	6,879,193		0.20
11/00/10	12/01/19	18,031,315	00,002	November			Pounds Cr	0,001,200			0,010,100		
12/01/19		18,032,559	2,696	81,094			0.232	3,091,718			6,881,218		
12/06/19		18,058,482	25,923	- /	8.0	0.35	0.343	3,099,656	7.3	0.34	6,901,417	7.8	0.14
12/31/19		18,123,426						3,122,055			6,954,035		
	01/01/20	18,126,523		December			Pounds Cr						
01/01/20		18,127,980	4,554	95,208			0.272	3,122,936			6,954,035		
01/03/20		18,137,077	9,097		7.9	0.46	0.438	3,125,583	7.6	0.43	6,961,319	7.6	0.41
01/31/20		18,185,942	48,865					3,144,421			6,996,350		
	02/01/20	18, 188, 180		January			Pounds Cr						
02/03/20		18,188,411	2,469	61,657			0.225	3,145,281			6,998,288		
02/07/20		18,193,814	5,403		8.0	0.60	0.562	3,147,017	7.6	0.28	7,002,580	7.9	0.22
02/28/20		18,215,202	21,388					3,155,718			7,017,733		
	03/01/20	18,217,070		February			Pounds Cr						
03/02/20		18,218,425		28,890			0.135	3,157,017			7,020,060		
03/06/20		18,227,194			8.0	0.81	0.776	3,159,176	7.4	0.53	7,027,934	7.9	0.44
03/31/20		18,382,609	155,415					3,201,453			7,154,334		
/ /	04/01/20	18,384,172		March			Pounds Cr						
04/01/20		18,388,797		167,102		0.05	1.080	3,203,232		0.40	7,159,271	0.4	0.40
04/10/20		18,415,384	26,587		8.1	0.25	0.237	3,213,356	7.7	0.18	7,178,272	8.1	0.16
04/30/20	05/01/20	18,455,631	40,247	Awaril			Davida On	3,228,721			7,207,059		
05/01/20	05/01/20	18,456,245	1,848	April 72,073			Pounds Cr 0.142	3,229,593			7,208,236		
05/01/20		18,457,479 18,465,286		12,013	8.0	0.26	0.142	3,229,593	7.5	0.18	7,208,236	7.9	0.12
05/30/20		18,547,864			0.0	0.20	0.202	3,253,088	7.5	0.18	7,273,059	1.5	0.12
03/30/20	06/01/20	18,552,699	02,570	May			Pounds Cr	3,201,330			1,213,033		
06/01/20	00/01/20	18,555,721	7,857	96,454			0.210	3,264,658			7,279,075		
06/04/20		18,563,811			7.8	0.28	0.282	3,267,737	7.3	0.20		7.5	0.20
06/30/20		18,636,606						3,294,057			7,339,953		
	07/01/20	18,637,892	,	June			Pounds Cr				,,		
07/01/20		18,638,722	2,116	85,193			0.200	3,294,931			7,341,133		
07/10/20		18,652,865			7.9	0.29	0.284	3,301,008	7.3	0.23	7,350,478	7.5	0.20
07/31/20		18,723,698	70,833					3,324,361			7,403,193		
	08/01/20	18,724,228		July			Pounds Cr						
08/03/20		18,728,205	4,507	86,336			0.204	3,326,528			7,405,919		
08/06/20		18,731,111	2,906		7.8	0.33	0.345	3,327,827	7.3	0.34	7,407,858	7.5	0.18
08/31/20		18,753,077	21,966					3,339,110			7,421,402		
	09/01/20	18,753,491		August			Pounds Cr						
09/01/20		18,753,819		29,263			0.084	3,339,541			7,421,789		
09/11/20		18,760,472			8.1	0.57	0.544	3,343,863	7.3	0.45		7.6	0.41
09/30/20		18,792,498	32,026					3,358,277		ļ	7,446,675	L	
	10/01/20	18,792,926		September			Pounds Cr			ļ		L	
		18,793,222	724	39,435	I	1	0.179	3,358,711		1	7,427,060	I	
10/01/20 10/08/20		18,800,494			8.1	0.50	0.497	3,362,178	7.4	0.30	7,451,303	7.6	0.26

			OUT	FALL 001				Ма	#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]	Analysis ¹	Flow Totalizer #1 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)	Flow Totalizer #2 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)
	11/01/20	18,850,614		October			Pounds Cr						
11/02/20		18,852,636	4,186	57,688			0.239	3,384,697			7,484,406		
11/06/20		18,857,874	5,238		8.0	0.38	0.388	3,387,314	7.3	0.50	7,487,496	7.7	0.13
11/30/20		18,905,102	47,228					3,402,642			7,523,584		
	12/01/20	18,905,731		November			Pounds Cr						
12/01/20		18,906,214	1,112	55,117			0.178	3,403,078			7,524,365		
12/11/20		18,916,201	9,987		8.2	0.46	0.456	3,406,790	7.6	0.44	7,531,716	7.8	0.17
12/31/20	04/04/04	18,929,139	12,938	December			Davida On	3,412,036			7,540,417		
01/01/01	01/01/21	18,929,421	704	December 23,690			Pounds Cr	2 442 469			7 5 40 000		
01/01/21 01/08/21		18,929,873 18,932,355	734 2,482	23,090	8.0	0.42	0.090 0.461	3,412,468 3,413,334	7.6	0.34	7,540,800 7,542,714	7.9	0.13
01/30/21		18,943,896			0.0	0.42	0.461	3,413,334	7.0	0.34	7,542,714	1.5	0.13
01/30/21	02/01/21	18,944,934	11,541	January			Pounds Cr	3,417,039			7,550,795		
02/01/21	52,01,21	18,945,098	1,202	15,513			0.060	3,418,132			7,551,562		
02/01/21		18,946,680		,010	8.2	0.43	0.451	3,418,564	7.8	0.58	7,552,713	7.8	0.12
02/26/21		18,956,204	9,524			2.10		3,422,065		0.00	7,558,504		0.12
	03/01/21	18,960,761		February			Pounds Cr						
03/01/21		18,961,256	5,052	15,827			0.059	3,422,496			7,563,170		
03/05/21		18,969,678	8,422		8.4	0.64	0.717	3,424,232	7.9	0.61	7,569,835	8.1	0.30
03/31/21		19,036,724	67,046					3,438,199			7,624,655		
	04/01/21	19,037,526		March			Pounds Cr						
04/01/21		19,039,130		76,765			0.458	3,439,060			7,626,237		
04/09/21		19,053,329			8.0	0.77	0.713	3,441,663	7.6	0.29	7,638,396	7.8	0.62
04/30/21		19,102,538	49,209					3,453,500			7,678,642		
	05/01/21	19,103,047		April			Pounds Cr						
05/03/21		19,106,978	4,440	65,521			0.389	3,454,365		0.45	7,682,550		0.00
05/07/21		19,117,383	10,405		8.1	0.48	0.495	3,456,545	7.7	0.45	7,691,616	7.7	0.28
05/31/21	00/04/04	19,146,522	29,139	May			Down do Cr	3,465,305			7,717,857		
06/01/21	06/01/21	19,146,979 19,147,993	1,471	May 43,932			Pounds Cr 0.181	3,465,737			7,719,031		
06/01/21		19,147,993	3,363	43,932		0.14	0.379	3,466,606	7.5	0.25	7,719,031	7.8	0.18
06/30/21		19,101,059	49,703			0.14	0.379	3,400,000	7.5	0.23	7,763,244	7.0	0.10
00/00/21	07/01/21	19,201,961	40,700	June			Pounds Cr	0,470,422			1,100,244		
07/01/21	01/01/21	19,203,673	2,614	54,982			0.174	3,479,292			7,765,222		
07/09/21		19,234,138	30,465	,	7.9	0.53	0.477	3,485,443	7.4	0.34	7,791,359	7.4	0.13
07/30/21		19,296,322	62,184					3,501,153			7,841,853		
	08/01/21	19,298,052		July			Pounds Cr						
08/02/21		19,299,573	3,251	96,091			0.382	3,502,015			7,844,580		
08/05/21		19,303,238	3,665		7.9	0.35	0.356	3,503,307	7.4	0.51	7,847,295	7.5	0.10
08/31/21		19,386,156	82,918					3,521,335			7,917,739		
	09/01/21	19,387,776		August			Pounds Cr						
09/01/21		19,390,270		89,724			0.266	3,522,204	<u> </u>		7,920,922		
09/10/21		19,406,508			7.9	0.37	0.346	3,526,537	7.4	0.33		7.3	0.12
09/30/21	40/04/04	19,420,173	13,665	Contombor			Davie da O	3,532,626			7,948,890		
10/01/01	10/01/21	19,420,382 19,420,522	349	September 32,606			Pounds Cr	2 522 622			7 040 074		
10/01/21 10/07/21		19,420,522		32,000	7.8	0.33	0.094	3,532,626 3,534,360	7.4	0.55	7,949,274 7,952,339	7.4	0.18
10/07/21		19,424,997	4,475		1.0	0.33	0.337	3,534,360	1.4	0.00	7,952,339	1.4	0.18
10/29/21	11/01/21	19,438,681	13,084	October			Pounds Cr	3,338,170			1,302,303	<u> </u>	
11/01/21	11/01/21	19,440,130	1,449	19,417			0.054	3,539,608			7,963,515		
11/05/21		19,442,002		,	7.8	0.32	0.320	3,540,470	7.6	0.25	7,964,666	7.7	0.90
11/30/21		19,453,737						3,544,838			7,973,129	<u> </u>	
	12/01/21	19,453,737		November			Pounds Cr					1	
12/01/21		19,453,737	0	13,938			0.037	3,544,838			7,973,129		
12/10/21		19,456,187			8.3	0.39	0.452	3,546,132	7.6	0.62	7,975,431	7.7	0.08
12/29/21		19,474,737	18,550										
	01/01/22	19,476,024		December			Pounds Cr						
01/03/22		19,478,802		22,287			0.084	3,544,838			7,973,129		
01/07/22		19,481,247			8.3	0.71	0.702	3,553,105	8.0	0.73	7,994,830	8.0	0.07
01/31/22		19,491,787	10,540					3,557,044			3,557,044	1	

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

			OUTI	FALL 001				Mai	#1	Manhole #2			
Date Actual	Date For Linear Interpolation	Metered Discharge Reading (gallons)	Gallons Discharged Between Meter Reading	Monthly Discharge (gallons)	рН	Hexavalent Chromium Lab Analysis (mg/L) [Local Limit 4.5 mg/L]	Total Chromium Lab Analysis ¹ (mg/L) [Local Limit 7.0 mg/L]	Flow Totalizer #1 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)	Flow Totalizer #2 Reading (gallons)	рН	Hexavalent Chromium Hach Test Kit (mg/L)
	02/01/22	19,491,787		January			Pounds Cr						
02/1/2022**		19,491,794	7	15,763			0.092	14			-		
02/10/22		19,494,956	3,169		8.3	0.58	0.662	1,904	8.0	0.33	884	8.2	0.06
	03/01/22	19,499,595		February			Pounds Cr						
03/03/22		19,500,188	5,232	7,808			0.043	3,063			4,987		
03/11/22		19,508,636	8,448		8.5	0.455***	0.455	3,956	7.7	0.60	12,803	7.9	0.13
03/31/22		19,581,712	73,076					19,468			72,327		
	04/01/22	19,579,886		March			Pounds Cr						
04/05/22		19,599,982	18,270	80,291			0.304	23,346			87,209		
04/08/22		19,619,609	19,627		7.9	0.16	0.167	27,567	7.8	0.42	106,399	8.0	0.10
04/30/22		19,689,477	69,868					40,975			158,050		
	05/01/22	19,690,246		April			Pounds Cr						
05/02/22		19,692,556	3,079	110,360			0.153	42,267			162,963		
05/05/22		19,697,175*****	4,619		8.1	0.37	0.380	44,511	7.7	0.35	166,323	8.1	0.11
05/31/22		19,741,670						53,045			204,944		
	06/01/22	19,742,444		Мау			Pounds Cr						
06/01/22		19,743,217	1,547	52,198			0.165	53,468			206,128		
06/09/22		19,750,545	7,328		8.2	0.48	0.452	58,373	7.6	0.17	218,830	7.9	0.29
06/30/22		19,807,692						67,322			259,616		
	07/01/22	19,808,308		June			Pounds Cr						
07/01/22		19,808,470	778	65,864			0.248	67,547			260,174		

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

Industrial User (Waste	Industrial User (Wastewater Discharge) Permit 18-21 Outfall 001 Effluent Limits								
pH	Hexavalent Chromium	Total Chromium							
Between 5.0 and 12.4 s.u.	<4.5 mg/L	<7.0 mg/L							

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

* On 3/31/18, the MH1 flowmeter face was blank. Upon replacing the batteries, the totalizer reading reverted to 2,472,869 gallons, a difference of -112,848 gallons

from the previous known total.

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

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

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

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

					Chromium							Hexavaler
		Aluminum (mg/L)	Arsenic (mg/L)	Cadmium (mg/L)	Total ¹ (mg/L)	Copper (mg/L)	Cyanide (mg/L)	Lead (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Zinc (mg/L)	Chromiun (mg/L)
Permit #18		70	1.0	0.3	7.0	3.5	1.0	2.0	0.002	2.0	10.0	4.5
Sampler	Sample Date			<.00050				005		0.05	0.0054	
CH2M Hill CH2M Hill	02/20/97 03/24/98	<.02 0.0152	<.003 <.002	<.00050	0.04 0.0637	<.01 <.0095	<.00001 <.0017	<.005 <.0006	<.0002 <.000015	<.005 <.0095	0.0051	<.01 0.1000
Appleton	03/24/98	<.011	<.002	<.0004	0.2200	<.0095	0.0020	<.1	<.000015	<.0095	<.005	0.1000 NA
Appleton	10/07/98	<.011	<.002	0.0050	0.1700	<.05	<.001	<.1	<.0002	<.04	0.0250	NA
MCO	03/18/99	<.009	<.003	<.00031	NA	.00068****	<.000032	<.0024	<.00005	.00351****	<.012	<.0036
Appleton	03/18/99	<.011	<.002	<.005	<0.05	<.05	0.0010	0.1000	<.00005	0.0400	0.0180	NA
Appleton	09/21/99	<.011	<.002	<.005	<.05	<.05	0.0030	<.1	<.00015	<.04	0.0080	NA
Appleton	02/15/00	<.015	<.0020	<.005	0.0900	<.05	<.001	<.1	<.00013	<.04	0.0280	NA
MCO	03/13/00	<.009	<.003	<.00031	0.1400	<.0006	<.0044	<.0024	<.00005	0.0012	<.012	NA
Appleton	02/21/01	<0.15	<.002	<.005	0.11	<.05	0.001	<.1	<.00013	<.04	0.042	NA
MCO Appleton	03/01/01 10/02/01	<.034 0.016	<.0027 <.002	.012 **** <.005	0.25	.0088 **** <.05	<.0033 <.001	<.17 <.1	<.00005 <.00013	.036 **** <.04	0.015	<.0036 NA
MCO	03/19/02	<.034	<.002	<.005	0.14	<.0077	<.001	<.17	<.00013	<.04	<.012	<.0036
Appleton	05/02/02	<.049	<.012	<.014	0.362	<.015	<.0027	<.060	<.00011	<.011	<.009	<.0050 NA
Appleton	11/12/02	0.027	<.0082	<.00053	0.23	<.009	<.0007	<.00084	<.000028	0.0044	0.0081	NA
Appleton	02/11/03	<0.027	<.0082	<.00053	0.086	<.0009	<.0014	<.0013	<.000028	0.0036	<.0025	NA
Appleton	03/24/03	<.045	<.0027	<.0088	0.13	0.075	<.0050	<.16	<.000050	<.019	<.0044	<.0036
Appleton	10/23/03	0.0045	0.0013	<0.0001	0.221	<0.0008	<0.005	<0.0006	0.0002	<0.025	<0.010	NA
Appleton	03/24/04	< 0.050	<0.0026	<0.010	0.15	<0.0060	<0.0050	<0.16	<0.000025	<0.020	<0.010	NA
Appleton	11/09/04	0.0071	< 0.0012	< 0.0001	0.04	0.0008	< 0.005	<0.008	< 0.0002	0.0013	< 0.01	NA
MCO	08/08/05	0.023	< 0.0035	<0.0003 <0.0001	0.039	0.0019	<0.0037	<0.0011	<0.00026	< 0.0044	0.0024	<0.005
Appleton Appleton	11/05/06 02/23/06	0.0052	<0.0012 <0.0012	<0.0001	0.088	<0.0005	<0.005 <0.0005	<0.0008 <0.0008	<0.0002	0.0017	<0.010 <0.010	NA NA
MCO	02/23/06	<0.20	<0.0012	<0.0001	0.08	<0.0005	<0.0005	<0.0008	<0.0002	0.0022	<0.010	NA NA
Appleton	06/27/06	<0.200	<0.0076	< 0.00074	0.700	0.0016	< 0.0094	<0.0034	< 0.000072	0.0021	<0.020	< 0.350
Appleton	10/05/06	0.037	< 0.00011	< 0.0001	4.575	0.0068	0.01	<0.001	< 0.0002	0.0026	<0.010	NA
Appleton	03/22/07	< 0.07	<0.07	<0.01	1.9	3.5	< 0.004	< 0.03	< 0.0002	< 0.04	<0.01	NA
MCO	04/02/07	0.0383	0.00024	0.000086	1.41	0.0041	<0.0094	0.00013	<0.00019	0.0035	0.009	NA
Appleton	12/04/07	<0.07	<0.001	<0.01	3.4	<0.01	0.008	<0.03	<0.0002	<0.04	<0.01	1.5
Appleton	01/16/08	0.21	<0.005	<0.01	<0.03	0.02	0.017	0.06	0.0003	<0.04	0.04	NA
OMNNI	04/08/08	0.0114	0.00043	0.00011	0.864	0.0043	0.014 J	0.000095 J	<0.0001	0.0024	0.0071	0.063
Appleton	08/19/08	<0.08	<0.001 <0.012	<0.01	0.95	< 0.01	0.005	<0.03	0.0002	<0.02	< 0.01	NA
Appleton OMNNI	03/31/09 04/07/09	<0.09 <0.0151	<0.012 0.003 J	<0.01 0.00040 J	0.99 0.767	<0.01 0.0024 J	<0.008 <0.0060	<0.05 <0.0014	<0.0002 <0.00010	<0.02 0.0016 J	<0.01 0.0137 J	NA 0.84
Appleton	09/22/09	<0.08	< 0.005 5	<0.01	2.3	<0.0024 3	<0.008	<0.05	<0.0002	<0.02	<0.0137 3	NA
Appleton	03/02/10	<0.06	< 0.002	<0.01	1.6	<0.01	<0.008	< 0.03	<0.0002	<0.02	<0.01	NA
OMNNI	04/06/10	0.0501 J	< 0.0014	0.00043 J	1.16	0.0024 J	< 0.0061	< 0.00075	< 0.0001	0.0023 J	0.0046 J	1.3
Appleton	11/02/10	<0.10	<0.010	<0.01	0.71	<0.01	<0.008	<0.03	<0.0002	<0.01	<0.01	NA
Appleton	02/24/11	<0.08	<0.001	<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	<0.00026	0.401	0.0028 J	<0.0061	<0.0014	<0.00010	0.00053 J	0.0023 J	0.40
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	< 0.11	< 0.004	< 0.01	1.3	0.01	0.007	< 0.04	< 0.0002	<0.02	< 0.01	NA
Terracon Appleton	04/05/12 10/04/12	<0.0695 0.0865	<0.0047 0.0051	<0.00039 0.00049	0.696	0.014 J 0.0028 J	<0.0061 0.026	<0.0014 0.0022	<0.00010 0.0001	0.001 J 0.00019 J	<0.0053 <0.0053	0.83 NA
Terracon	04/11/13	0.0805	< 0.0031	<0.00049	0.431	0.0028 J 0.0024 J	<0.028	<0.022	<0.00010	0.00019 J 0.00013 J	<0.0033	0.42
Appleton	04/17/13	< 0.0714	< 0.0042	< 0.00048	0.279	0.0029 J	< 0.0038	<0.027	< 0.00010	0.00062 J	< 0.0024	NA
Appleton	11/20/13	<0.0714	< 0.0042	< 0.00048	1.13	0.0018 J	0.0044 J	<0.027	<0.00010	0.00085 J	0.0034 J	NA
Appleton	04/15/14	0.119 J	<0.0068	<0.001	0.27	0.0036 J	<0.060	<0.0016	<0.00010	< 0.0013	<0.0058	NA
Terracon	05/13/14	0.116 J	<0.0068	<0.001	0.273	0.0034 J	<0.060	0.0040 J	<0.00010	<0.0013	0.0064 J	0.28
Appleton	9/24/2014	<0.0655	<0.0068	<0.001	0.757	< 0.0034	<0.010	<0.0016	<0.00010	<0.0013	<0.0058	NA
Terracon	4/15/2015	0.054 J	< 0.0072	<0.00060	0.858	0.0041 J	< 0.010	< 0.0030	< 0.00010	< 0.0014	0.0026 J	0.92
Appleton	6/3/2015	<0.0655	<0.0068	<0.001	0.504	< 0.0034	<0.020	<0.0016	<0.00010	0.0013 J	<0.0058	NA
Appleton	10/21/2015 5/12/2016	0.105 J	<0.0068	<0.0010 <0.00060	0.676	<0.0034	<0.010 <0.0068	0.0024 J	<0.00010	<0.0013	0.0078 J	NA 0.70
Terracon Appleton	5/12/2016 5/17/2016	0.0637 J <0.090	<0.0072 <0.001	<0.00060	0.645 0.530	<0.0036 <0.010	<0.0068	<0.0030 <0.030	<0.00013 <0.0002	0.0018 J <0.020	<0.0013 <0.01	0.70 NA
Appleton	11/1/2016	<0.090	<0.001	<0.010	0.560	<0.010	<0.007	<0.030	<0.0002	<0.020	<0.01	NA
Appleton	4/27/2017	<0.050	< 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	< 0.0083	< 0.0013	0.345	< 0.0063	<0.0068	< 0.0043	< 0.00013	<0.0026	< 0.0093	0.35
Appleton	11/9/2017	<0.060	0.001	0.010	0.770	<0.010	<0.007	<0.030	<0.0002	<0.020	<0.010	NA
Appleton	5/22/2018	NA	<0.015	<0.0006	0.319	0.005	0.010	<0.005	<0.0002	0.005	<0.002	NA
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	0.38
Appleton	11/14/2018	NA	0.020	0.001	0.325	0.004	< 0.009	< 0.005	< 0.0002	0.004	0.004	NA
Appleton	4/18/2019	NA	< 0.015	<0.0006	0.519	0.005	< 0.005	< 0.009	<0.0002	0.005	< 0.002	NA
Terracon	7/10/2019	NA	0.0091 J	< 0.0013	0.229	< 0.0063	0.011 J <0.009	0.006 J	<0.00013	0.0029 J	< 0.0116	0.25
Appleton	9/18/2019 6/4/2020	NA NA	<0.015 <0.028	<0.0006 <0.0006	0.003 0.295	0.005	<0.009	<0.005 <0.007	<0.0002 <0.0002	0.004 0.008	<0.002 <0.009	NA NA
Appleton Terracon	6/4/2020	NA	<0.028	<0.0006	0.295	<0.008	<0.0018	<0.007	<0.0002	<0.008	<0.009	0.28
Appleton	9/30/2020	NA	<0.0083	<0.0004	0.282	0.005	< 0.0009	<0.0039	<0.00084	0.0026	< 0.004	0.28 NA
Appleton	5/19/2021	NA	<0.028	< 0.0004	0.320	0.003	<0.007	<0.007	<0.0002	0.000	< 0.004	NA
Terracon	6/4/2021	NA	<0.0083	<0.013	0.379	0.006	<0.0069	<0.0059	< 0.00066	< 0.0026	0.0211 J	0.14
Appleton	11/5/2021	NA	<0.028	<0.0006	0.327	0.007	<0.014	<0.007	<0.0002	0.007	< 0.004	NA
Appleton	5/5/2022	Results not	yet availab									
	6/9/2022	NA	< 0.0083	<0.013	0.452	< 0.0034	< 0.0069	< 0.0059	< 0.00066	< 0.0026	<0.0116	0.48

J = Estimated concentration detected above the limit of detection and below the limit of quantitation

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



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

April 15, 2022

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

RE: Project: 58117057 MAUTHE Pace Project No.: 40243192

Dear Scott Hodgson:

Enclosed are the analytical results for sample(s) received by the laboratory on April 08, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

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

Sincerely,

Day Milenty

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

Enclosures

cc: Krista Kroeninger, Terracon, Inc. - Franklin





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

CERTIFICATIONS

Project: 58117057 MAUTHE

Pace Project No.: 40243192

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky UST Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334 New York Certification #: 12064 North Dakota Certification #: R-150 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.:
 40243192

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40243192001	OUTFALL - 001	Water	04/08/22 07:20	04/08/22 14:40



SAMPLE ANALYTE COUNT

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40243192

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40243192001	OUTFALL - 001	EPA 6010D	TXW	1	PASI-G
		SM 3500-Cr B	HNT	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay



SUMMARY OF DETECTION

Project: 58117057 MAUTHE

Pace Project No.: 40243192

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40243192001	OUTFALL - 001					
EPA 6010D SM 3500-Cr B	Chromium Chromium, Hexavalent	167 0.16	ug/L mg/L	10.0 0.024	04/13/22 12:38 04/14/22 10:42	



PROJECT NARRATIVE

Project: 58117057 MAUTHE

Pace Project No.: 40243192

Method: EPA 6010D

Description:6010D MET ICPClient:Terracon, Inc. - FranklinDate:April 15, 2022

General Information:

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

Hold Time:

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

Sample Preparation:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:



PROJECT NARRATIVE

Project: 58117057 MAUTHE

Pace Project No.: 40243192

Method: SM 3500-Cr B

Description:Chromium, HexavalentClient:Terracon, Inc. - FranklinDate:April 15, 2022

General Information:

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

Hold Time:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:

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



ANALYTICAL RESULTS

Project: 58117057 MAUTHE

Pace Project No.: 40243192

Sample: OUTFALL - 001	Lab ID:	40243192001	Collected	1: 04/08/22	2 07:20	Received: 04/	08/22 14:40 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP		Method: EPA 6 lytical Services	•		hod: Ef	PA 3010A			
Chromium	167	ug/L	10.0	2.5	1	04/12/22 06:28	04/13/22 12:38	7440-47-3	
Chromium, Hexavalent		Method: SM 38 lytical Services		1					
Chromium, Hexavalent	0.16	mg/L	0.024	0.0073	1		04/14/22 10:42		



QUALITY CONTROL DATA

Units	Conc.	Res	sult	% Rec	Limi	ts	Qualifiers	_		
2377303	Spike	LC	S	LCS	% R	ec				
ug/L		<2.5	10.0	04/13/22	12:21					
Units			Reporting Limit	Analy	zed	Qualifier	S			
2001	Ν	Matrix: W	ater							
2001	Labora	atory.	I	ace Analyti			Day			
			•				Boy			
	Analys	sis Metho	d: E	PA 6010D						
	2377303	Analys Labora 2001 2001 Units Resu ug/L 2377303 Spike	2001 Contract of the sector of	Analysis Description: 6 Laboratory: P 2001 Matrix: Water 2001 Units Blank Reporting Limit ug/L <2.5 10.0 2377303 Spike LCS	Analysis Description: 6010D MET Laboratory: Pace Analyti 2001 Matrix: Water 2001 Units Blank Reporting Units Result Limit Analy 04/13/22 2377303 Spike LCS LCS	Analysis Description: 6010D MET Laboratory: Pace Analytical Service 2001 Matrix: Water 2001 Units Blank Reporting ug/L <2.5 10.0 04/13/22 12:21 2377303 Spike LCS LCS % Re	Analysis Description: 6010D MET Laboratory: Pace Analytical Services - Green 2001 Matrix: Water 2001 Units Result Reporting ug/L <2.5 10.0 04/13/22 12:21 2377303 Spike LCS LCS % Rec	Analysis Description: 6010D MET Laboratory: Pace Analytical Services - Green Bay 2001 Matrix: Water 2001 Units Blank Reporting Limit Analyzed Qualifiers ug/L <2.5 10.0 04/13/22 12:21 2377303 Spike LCS LCS % Rec	Analysis Description: 6010D MET Laboratory: Pace Analytical Services - Green Bay 2001 Matrix: Water 2001 Units Blank Reporting Units Result Limit Analyzed Qualifiers ug/L <2.5 10.0 04/13/22 12:21	Analysis Description: 6010D MET Laboratory: Pace Analytical Services - Green Bay 2001 Matrix: Water 2001 Units Result Reporting ug/L <2.5 10.0 04/13/22 12:21 2377303 Spike LCS LCS % Rec

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: 5811	7057 MAUTHE											
Pace Project No.: 4024	3192											
QC Batch: 413	3154		Analy	sis Metho	d: 5	SM 3500-Ci	r B					
QC Batch Method: SN	3500-Cr B		Analy	sis Descri	ption: C	Chromium,	Hexavalen	t by 3500				
			Labo	ratory:	F	Pace Analyt	tical Servic	es - Green	Bay			
Associated Lab Samples:	4024319200	01										
METHOD BLANK: 2378	814			Matrix: W	/ater							
Associated Lab Samples:	4024319200	01										
			Blar	nk	Reporting							
Parameter		Units	Res	ult	Limit	Analy	yzed	Qualifier	S			
	Chromium Hexavalent mg/l											
Chromium, Hexavalent		mg/L	<	0.0073	0.024	1 04/14/22	2 10:40					
Chromium, Hexavalent		mg/L	<	0.0073	0.024	4 04/14/22	2 10:40					
Chromium, Hexavalent	L SAMPLE: 2	mg/L 2378815	<	0.0073	0.024	4 04/14/22	2 10:40					
	L SAMPLE: 2		< Spike	0.0073 		4 04/14/2: LCS	2 10:40 % R	ec				
	L SAMPLE: 2			LC					Qualifiers			
LABORATORY CONTRO	L SAMPLE: 2	2378815	Spike	LC Re:	cs	LCS	% R Limi		Qualifiers			
LABORATORY CONTRO Parameter	L SAMPLE: 2	2378815 Units	Spike Conc.	LC Re:	CS sult	LCS % Rec	% R Limi	its	Qualifiers	_		
LABORATORY CONTRO Parameter		2378815 Units mg/L	Spike Conc. 0.	LC Re:	CS sult	LCS % Rec 94	% R Limi	its	Qualifiers			
LABORATORY CONTRO Parameter Chromium, Hexavalent		2378815 Units mg/L	Spike Conc. 0.	LC Re:	CS sult 0.29	LCS % Rec 94	% R Limi	its	Qualifiers	_		
LABORATORY CONTRO Parameter Chromium, Hexavalent	X SPIKE DUPL	2378815 Units mg/L	Spike Conc. 0. 816	LC Re: 3	CS sult 0.29	LCS % Rec 94	% R Limi	its	Qualifiers % Rec	_	Мах	
LABORATORY CONTRO Parameter Chromium, Hexavalent	X SPIKE DUPL	2378815 Units mg/L ICATE: 2378	Spike Conc. 0. 816 MS	LC Re: 3 MSD	2S sult 0.29 2378817	LCS % Rec 94	% R 	90-110		RPD	Max RPD	Qual

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



QUALIFIERS

Project: 58117057 MAUTHE

Pace Project No.: 40243192

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40243192

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40243192001	OUTFALL - 001	EPA 3010A	412836	EPA 6010D	412945
40243192001	OUTFALL - 001	SM 3500-Cr B	413154		

	(Please Print Clearly)		1						UPPER					Page 1	of	
ompany Nam	ne: Torracco						•		MN: 61	12-607-	1700	WI: 920-469-2436	IM	1319	2	
Branch/Locatio	on: Franklin		Pace										UVO	497		
Project Contac	at: South Hadaoco			www.pa	celabs.c	om						Quote #:				
hone:	et: Scott Hudgeson 414-209-7640	- ' C	CHA	١N	OF	C	USI	ΓΟ	DY			Mail To Contact:	$\langle \rangle$	MIT		
Project Numbe		A=None B=	HCL C=I		Preserva D=HNO3			=Methano	ol G=Na	аОН		Mail To Company:	$\sum A$	TE		
Project Name:		H=Sodium Bisu	Ifate Solution	on	I=Sodium	Thiosulfa	ate J≃	Other				Mail To Address:				
Project State:		FILTERED? (YES/NO)	Y/N	N	N)		
Sampled By (P		PRESERVATION (CODE)*	Pick Letter	0	Á							Invoice To Contact:				
Sampled By (S	The They see	(CODE)		F	/-							Invoice To Company:		1		
PO #:	Regulat		sted	リバー	s							Invoice To Address:				
Data Packag	ge Options MS/MSD	m: Matrix Codes	Analyses Requested	ler	くてい											
(billat	ble)	W = Water DW = Drinking Water	s Re	$\mathcal{O} \mid$	1cm								<u>— с</u>	¥		
EPA	(billable) C = Charco	al GW = Ground Water SW = Surface Water	lyse:	7	\mathcal{O}			-				Invoice To Phone:				
	your sample SI = Sludge	COLLECTION		The l	H×							CLIENT	1	OMMENTS	Profile #	
PACE LAB #		TE TIME MATRIX	4.5.500 (100 (100 (100 (100 (100 (100 (100 (COMMENTS	(Lab U	Ise Only)		
GU	OUTFALL-001 4-8	·22 7:20 Wu	1	1-250	1-252											
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Rush Tur	rnaround Time Requested - Prelims	Beijingpished By	SCO Property		 	te/Time:	/		Receive	d By:		Date/Tiple:		PACEP	roject No.	
(Rush T	TAT subject to approval/surcharge) Date Needed:	14-00	<u> </u>			· J-J-	18:0		2		A.	Pare 4/8/22 A Date/Alme:	1030	UNDA	42199	
Transmit Prel	lim Rush Results by (complete what you want):	Relinquished By:		pace	4ไ	8/22	14	40	Receive		ll	12 yrall	J410	Receipt Temp =	1 °C	
Email #1:		Relinquished By:			Da	ate/Time:			Receive	d By:		Date/Time:				
Email #2: Telephone:		Relinquished By:			Da	ate/Time:		*	Receive	d By:		Date/Time:	Sample Receipt pH			
Fax:														Cooler Cu	stody-Seal	
S	Samples on HOLD are subject to	Relinquished By:			Da	ate/Time:		· .	Receive	d By:		Date/Time:		Present /	Not Intactife 13	

DC#_Title: ENV-FRM-GBAY-0035 v01_Sample Preservation Receipt Form Revision: 3 | Effective Date: | Issued by: Green Bay

Clie	nt	Sample Preservation Receipt Form nt Name: <u>Terra(on</u> Project # <u>MDAUF192</u>																															
										n checked and noted below: 日Tes ONo ONA Lab Lot# of pH paper: ハウリろハンLab Std #ID of preservation (if pH adjusted):										Initial when Date/ complete:													
				Gl	ass						Plas	tic]			Vi	als			[J	ars].	Ge	nera		(>6mm) *	52	NaOH+Zn Act oH ≥9	212	52	djusted	Volume
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN	voA Vials	H2SO4 cH	NaOH+Zn	NaOH oH ≥12	HNO3 pH ≤2	AH after adjusted	(mL)
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Exce	Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: Headspace in VOA Vials (>6mm) : VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: Headspace in VOA Vials (>6mm) : VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:																																
	1 liter amber glass BP1U 1 liter plastic unpres 1 liter clear glass BP3U 250 mL plastic unpres														l oz amber jar unpres) oz amber jar unpres																		

AG10 1 liter amber glass BG1U 1 liter clear glass AG1H 1 liter amber glass HCL AG4S 125 mL amber glass H2SO4 AG4U 120 mL amber glass unpres AG5U 100 mL amber glass unpres AG2S 500 mL amber glass H2SO4 BG3U 250 mL clear glass unpres

Qualtrax Document ID: 41307

BP3B

BP3N

BP3S

250 mL plastic NaOH

250 mL plastic HNO3

250 mL plastic H2SO4

Pace Analytical Services, LLC

40 mL clear vial unpres

40 mL clear vial HCL

40 mL clear vial DI

40 mL clear vial MeOH

WGFU

WPFU

SP5T

ZPLC

GN

4 oz clear jar unpres

4 oz plastic jar unpres

ziploc bag

120 mL plastic Na Thiosulfate

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

VG9U

VG9H

VG9M

VG9D

DC#_Title: ENV-FRM-GBAY-0014 v02_SCUR Revision: 3 | Effective Date: | Issued by: Green Bay

Sample Condition Upon	
Client Name: Terralon	Project #: WO#: 40243192
Courier: □ CS Logistics □ Fed Ex □ Speedee □ UPS □ Wa	
Client Pace Other:	
Tracking #:	40243192
Custody Seal on Cooler/Box Present: Ves C no Seals intact:	
Custody Seal on Samples Present: yes the Seals intact:	
Packing Material: E Bubble Wrap E Bubble Bags	
Thermometer Used <u>SR - 10</u> Type of Ice: Web E	
Cooler Temperature Uncorr: / /Corr: /	Person examining contents:
Temp Blank Present: yes no Biological Tis	sue is Frozen: yes no Date: 1812/Initials: CAL
Temp should be above freezing to 6° C. Biota Samples may be received at $\leq 0^{\circ}$ C if shipped on Dry Ice.	Labeled By Initials:
Chain of Custody Present:	
Chain of Custody Filled Out:	pat AMU/1/22
Chain of Custody Relinquished:	
Sampler Name & Signature on COC:	
Samples Arrived within Hold Time:	i. I i i i i i i i i i i i i i i i i i i
- VOA Samples frozen upon receipt Ves No	Date/Time:
Short Hold Time Analysis (<72hr):/□Yes □No 6).
Rush Turn Around Time Requested:	
Sufficient Volume:	h
For Analysis: El Yes No MS/MSD: UYes No ON/A	
Correct Containers Used:).
-Pace Containers Used:	
-Pace IR Containers Used:	
Containers Intact:	0
Filtered volume received for Dissolved tests	1
	2.
-Includes date/time/ID/Analysis Matrix:	
Trip Blank Present:	3.
Trip Blank Custody Seals Present	
Pace Trip Blank Lot # (if purchased):	
Client Notification/ Resolution: Person Contacted: Date/Ti Comments/ Resolution:	If checked, see attached form for additional comments me:

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

2 of Page

Qualtrax Document ID: 41292

Pace Analytical Services, LLC



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

May 12, 2022

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

RE: Project: 58117057 MAUTHE Pace Project No.: 40244452

Dear Scott Hodgson:

Enclosed are the analytical results for sample(s) received by the laboratory on May 05, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

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

Sincerely,

Day Milenty

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

Enclosures

cc: Krista Kroeninger, Terracon, Inc. - Franklin





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

CERTIFICATIONS

Project: 58117057 MAUTHE

Pace Project No.: 40244452

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky UST Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334 New York Certification #: 12064 North Dakota Certification #: R-150 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.:
 40244452

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40244452001	OUTFALL - 001	Water	05/05/22 07:08	05/05/22 13:50



SAMPLE ANALYTE COUNT

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40244452

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40244452001	OUTFALL - 001	EPA 6010D	TXW	1	PASI-G
		SM 3500-Cr B	HNT	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay



SUMMARY OF DETECTION

Project: 58117057 MAUTHE

Pace Project No.: 40244452

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40244452001	OUTFALL - 001					
EPA 6010D SM 3500-Cr B	Chromium Chromium, Hexavalent	380 0.37	ug/L mg/L	10.0 0.024	05/11/22 17:53 05/10/22 11:37	



Project: 58117057 MAUTHE

Pace Project No.: 40244452

Method: EPA 6010D

Description:6010D MET ICPClient:Terracon, Inc. - FranklinDate:May 12, 2022

General Information:

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

Hold Time:

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

Sample Preparation:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:



Project: 58117057 MAUTHE

Pace Project No.: 40244452

Method: SM 3500-Cr B

Description:Chromium, HexavalentClient:Terracon, Inc. - FranklinDate:May 12, 2022

General Information:

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

Hold Time:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:

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



ANALYTICAL RESULTS

Project: 58117057 MAUTHE

Pace Project No.: 40244452

Sample: OUTFALL - 001	Lab ID:	40244452001	Collected	d: 05/05/22	2 07:08	Received: 05/	05/22 13:50 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP		Method: EPA 6 lytical Services	•		hod: EF	ንA 3010A			
Chromium	380	ug/L	10.0	2.5	1	05/06/22 06:54	05/11/22 17:53	7440-47-3	
Chromium, Hexavalent	,	Method: SM 35 lytical Services		/					
Chromium, Hexavalent	0.37	mg/L	0.024	0.0073	1		05/10/22 11:37		



Project: 58117057 MAUTH	IE										
Pace Project No.: 40244452											
QC Batch: 414984		Analy	ysis Metho	od: E	EPA 6010D						
QC Batch Method: EPA 3010A		Analy	ysis Descr	iption: 6	010D MET	-					
		Labo	oratory:	F	Pace Analy	tical Servic	es - Green	Bay			
Associated Lab Samples: 40244452	001										
METHOD BLANK: 2389442			Matrix: W	/ater							
Associated Lab Samples: 40244452	001										
		Blar	nk	Reporting							
Parameter	Units	Res	ult	Limit	Anal	yzed	Qualifier	s			
Chromium	ug/L		<2.5	10.0	05/11/2	2 17:02					
LABORATORY CONTROL SAMPLE:	2389443										
		Spike	LC	CS	LCS	% R	ec				
Parameter	Units	Conc.	Re	sult	% Rec	Limi	ts (Qualifiers			
Chromium	ug/L	25	50	248	9	9 8	30-120		_		
MATRIX SPIKE & MATRIX SPIKE DUF	PLICATE: 2389	111		2389445							
WATKIN SPIKE & WATKIN SPIKE DUP	LICATE. 2309	MS	MSD	2309443							
	40244396001	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chromium ug/L		250	250	252	258	100	102	75-125	3	20	

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



Project:	58117057 MAUTH	E										
Pace Project No.:	40244452											
QC Batch:	415271		Analy	ysis Metho	od: S	SM 3500-Ci	r B					
QC Batch Method:	SM 3500-Cr B		Analy	ysis Desci	iption: 0	Chromium,	Hexavalent	t by 3500				
			Labo	oratory:	F	Pace Analyt	tical Service	es - Green	Bay			
Associated Lab Sam	ples: 402444520	001										
METHOD BLANK:	2391011			Matrix: V	Vater							
Associated Lab Sam	ples: 402444520	001										
			Blar	nk	Reporting							
Param	eter	Units	Res	ult	Limit	Analy	yzed	Qualifier	S			
			_									
Chromium, Hexavale	ent	mg/L	<	0.0073	0.024	4 05/10/2	2 11:35					
Chromium, Hexavale	nt	mg/L	<	0.0073	0.024	4 05/10/2	2 11:35					
Chromium, Hexavale		mg/L 2391012	<	0.0073	0.024	4 05/10/2	2 11:35					
		<u> </u>	< Spike		0.024	4 05/10/2: LCS	2 11:35 % Re	ec				
	TROL SAMPLE:	<u> </u>		L					Qualifiers			
LABORATORY CON	TROL SAMPLE:	2391012	Spike	Lu Re	cs	LCS	% Ri Limi		Qualifiers	_		
LABORATORY CON	TROL SAMPLE:	2391012 Units	Spike Conc.	Lu Re	CS sult	LCS % Rec	% Ri Limi	ts	Qualifiers			
LABORATORY CON	TROL SAMPLE: eter	2391012 Units mg/L	Spike Conc. 0.	Lu Re	CS sult	LCS % Rec 94	% Ri Limi	ts	Qualifiers			
LABORATORY CON Param Chromium, Hexavale	TROL SAMPLE: eter	2391012 Units mg/L	Spike Conc. 0.	Lu Re	CS sult	LCS % Rec 94	% Ri Limi	ts	Qualifiers	_		
LABORATORY CON Param Chromium, Hexavale	TROL SAMPLE: eter	2391012 Units mg/L	Spike Conc. 0. 013	Lu 	CS sult	LCS % Rec 94	8 % Ri Limi 8 %	ts 90-110 MSD	Qualifiers % Rec	_	Max	
LABORATORY CON Param Chromium, Hexavale	TROL SAMPLE: eter	2391012 Units mg/L LICATE: 2391	Spike Conc. 0. 013 MS	Lu Re .3 MSD	CS sult 0.29 2391014	LCS % Rec 94	% Ri Limi 8 \$	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.



QUALIFIERS

Project: 58117057 MAUTHE

Pace Project No.: 40244452

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40244452

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40244452001	OUTFALL - 001	EPA 3010A	414984	EPA 6010D	415314
40244452001	OUTFALL - 001	SM 3500-Cr B	415271		

	(Pl		Print Clearly)				-	-							R MIDW				Page 1 o	of
Company Na	me:	Ter	racon				Ζ.		۸	- نم ا	~1®			MN: 6	12-607-	-1700	WI: 920-469-2436	1	Dille	7
Branch/Locat	tion:	Fra	nklin			1		Pace	Ana	lytic celabs.c	al							<u> </u>	RAAAA	<u>~</u>
Project Conta	act:	Scol	H Hudgson			1			nnn.p								Quote #:		· ·	
Phone:			-209-7640	2		I	C	;HA	NI	OF	: C	US'	ΤO	DY			Mail To Contact:			
Project Numb	per:		117057	,		A=No	ne B≃H	ICL C=	H2SO4	Preserva D=HNO3			=Methan	oł G=N	laOH		Mail To Company:	\langle	AMF	
Project Name	ə:		uthe			H=So	dium Bisulf	ate Soluti	on	I=Sodiur	n Thiosu	lfate J	=Other				Mail To Address:),	<u>^</u>	
Project State:	:		T			FILTER (YES/		Y/N	N	N		Τ								
Sampled By ((Print):	0	Je Hussman			PRESER		Pick Letter	n	A							Invoice To Contact:			
Sampled By ((Sign):	J.	21 Ke			(,		F								Invoice To Company:			
PO #:		<i>a</i> .		Regulat Progra	-			sted	i.	F			13 T				Invoice To Address:	· · · · · · · · · · · · ·	5	
Data Packa	ige Op able)	tions	MS/MSD On your sample		Matrix	Codes = Water	;	Requested	Aremium	Uremium						ļ			N	
			(billable)	B = Biota C = Charcos O = Oil	al GV SV	V = Drinkir V = Groun V = Surfac	d Water e Water	Analyses		Q,							Invoice To Phone:			
PACE LAB'#			your sample		WF		e Water MATRIX	Ana	Tota	14×							CLIENT COMMENTS		OMMENTS	Profile #
100			FALL-001	DA 5-C		TIME	ww		1.50	1-250										
\sim			I ALL-WI	<u> </u>	10-1			and the second s	1-050	1-730										
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DC#_Title: ENV-FRM-GBAY-0035 v01_Sample Preservation Receipt Form Revision: 3 | Effective Date: | Issued by: Green Bay

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AG4L				-				BF	23S				H2S0			VC	9M	40 n	nL cle	ar via	al Me	он		S	P5T	120	mL p	lastic	Na T		lfate		1
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Qualtrax Document ID: 41307

Pace Analytical Services, LLC

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

DC#_Title: ENV-FRM-GBAY-0014 v02_SCUR Revision: 3 | Effective Date: | Issued by: Green Bay

Sample Conditi	ion Upon Receip	
		WO#:40244452
Client Pace Other: Tracking #:		- 40244452
Custody Seal on Samples Present: Uyes DRO S Packing Material: DBubble Wrap DBubble Bags		110
Cooler Temperature	Biological Tissue is Fr	Person examining contents:
Chain of Custody Present:	□No □N/A 1.	•
Chain of Custody Filled Out:	∃No □N/A 2.	
Chain of Custody Relinquished:	⊐No □N/A 3.	
Sampler Name & Signature on COC:	⊐no ⊡n/A 4.	
Samples Arrived within Hold Time:	⊐No 5.	
- VOA Samples frozen upon receipt	□No Date/Time:	
Short Hold Time Analysis (<72hr):	⊐No 6.	
Rush Turn Around Time Requested:	⊇ № 7.	
Sufficient Volume: For Analysis: 27es DNo MS/MSD: DYes 2	8. Ino 🗆 N/A	
Correct Containers Used:	⊐No 9.	
-Pace Containers Used:		
-Pace IR Containers Used:		
Containers Intact:	⊐ _{No} 10.	
Filtered volume received for Dissolved tests	IN0 □N/A 11.	
Sample Labels match COC:	⊐No □N/A 12.	
Trip Blank Present:	□No 13.	
Trip Blank Custody Seals Present		
Pace Trip Blank Lot # (if purchased): Client Notification/ Resolution: Person Contacted: Comments/ Resolution:	Date/Time:	If checked, see attached form for additional comments

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

Page 2 of 2

Qualtrax Document ID: 41292

Pace Analytical Services, LLC



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

June 23, 2022

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

RE: Project: 58117057 MAUTHE Pace Project No.: 40246258

Dear Scott Hodgson:

Enclosed are the analytical results for sample(s) received by the laboratory on June 09, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

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

Sincerely,

Day Milery

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

Enclosures





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

CERTIFICATIONS

Project: 58117057 MAUTHE

Pace Project No.: 40246258

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky UST Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334 New York Certification #: 12064 North Dakota Certification #: R-150 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.: 40246258

 .02.0200	

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40246258001	OUTFALL-001	Water	06/09/22 07:10	06/09/22 15:00



SAMPLE ANALYTE COUNT

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40246258

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40246258001	OUTFALL-001	EPA 6010D	TXW	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		SM 3500-Cr B	HNT	1	PASI-G
		EPA 335.4	DAW	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay



SUMMARY OF DETECTION

Project: 58117057 MAUTHE

Pace Project No.: 40246258

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40246258001	OUTFALL-001					
EPA 6010D	Chromium	452	ug/L	10.0	06/13/22 20:50	
SM 3500-Cr B	Chromium, Hexavalent	0.48	mg/L	0.061	06/21/22 13:31	



Project: 58117057 MAUTHE

Pace Project No.: 40246258

Method: EPA 6010D

Description:6010D MET ICPClient:Terracon, Inc. - FranklinDate:June 23, 2022

General Information:

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

Hold Time:

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

Sample Preparation:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:



Project: 58117057 MAUTHE

Pace Project No.: 40246258

Method: EPA 7470

Description:7470 MercuryClient:Terracon, Inc. - FranklinDate:June 23, 2022

General Information:

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

Hold Time:

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

Sample Preparation:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:



Project: 58117057 MAUTHE

Pace Project No.: 40246258

Method: SM 3500-Cr B

Description:Chromium, HexavalentClient:Terracon, Inc. - FranklinDate:June 23, 2022

General Information:

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

Hold Time:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

QC Batch: 418917

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40246467001

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

- MS (Lab ID: 2412383)
- Chromium, Hexavalent
- MSD (Lab ID: 2412384)
 - Chromium, Hexavalent

Additional Comments:



Project: 58117057 MAUTHE

Pace Project No.: 40246258

Method: EPA 335.4

Description:335.4 Cyanide, TotalClient:Terracon, Inc. - FranklinDate:June 23, 2022

General Information:

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

Hold Time:

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

Sample Preparation:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

QC Batch: 418485

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40246056002,40246398002

- M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
 - MS (Lab ID: 2410137)
 - Cyanide
 - MSD (Lab ID: 2410138)
 - 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.: 40246258

Sample: OUTFALL-001	Lab ID:	40246258001	Collected	1: 06/09/22	2 07:10	Received: 06/	09/22 15:00 M	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical	Method: EPA 6	010D Prep	aration Met	hod: EF	PA 3010A			
	Pace Anal	ytical Services	- Green Bay	/					
Arsenic	<8.3	ug/L	25.0	8.3	1	06/13/22 06:23	06/13/22 20:50	7440-38-2	
Cadmium	<1.3	ug/L	5.0	1.3	1	06/13/22 06:23	06/13/22 20:50	7440-43-9	
Chromium	452	ug/L	10.0	2.5	1	06/13/22 06:23	06/13/22 20:50	7440-47-3	
Copper	<3.4	ug/L	10.0	3.4	1	06/13/22 06:23	06/13/22 20:50	7440-50-8	
Lead	<5.9	ug/L	20.0	5.9	1	06/13/22 06:23	06/13/22 20:50	7439-92-1	
Nickel	<2.6	ug/L	10.0	2.6	1	06/13/22 06:23	06/13/22 20:50	7440-02-0	
Zinc	<11.6	ug/L	40.0	11.6	1	06/13/22 06:23	06/13/22 20:50	7440-66-6	
7470 Mercury	Analytical	Method: EPA 7	470 Prepai	ation Methe	od: EPA	7470			
	Pace Anal	ytical Services	- Green Bay	/					
Mercury	<0.066	ug/L	0.20	0.066	1	06/10/22 09:55	06/13/22 08:33	7439-97-6	
Chromium, Hexavalent	Analytical	Method: SM 35	500-Cr B						
,	Pace Anal	ytical Services	- Green Bay	/					
Chromium, Hexavalent	0.48	mg/L	0.061	0.018	2.5		06/21/22 13:31		
335.4 Cyanide, Total		Method: EPA 3 ytical Services	•		iod: EP	A 335.4			
Cyanide	<0.0069	mg/L	0.023	0.0069	1	06/16/22 09:50	06/16/22 13:24	57-12-5	



Project: 58117057	MAUTHE											
Pace Project No.: 40246258												
QC Batch: 417965			Ana	lysis Meth	od: I	EPA 7470						
QC Batch Method: EPA 7470	0		Ana	lysis Desc	ription:	7470 Mercu	iry					
			Lab	oratory:	I	Pace Analy	ical Servic	es - Green	Bay			
Associated Lab Samples: 40	246258001											
METHOD BLANK: 2407118				Matrix: N	Vater							
Associated Lab Samples: 40	246258001											
			Bla	ink	Reporting							
Parameter		Units	Re	sult	Limit	Anal	yzed	Qualifier	s			
Mercury		ug/L		<0.066	0.2	0 06/13/2	2 07:51					
LABORATORY CONTROL SAM	/IPLE: 24	07119										
			Spike	e L	CS	LCS	% R	ec				
Parameter		Units	Conc	. Re	esult	% Rec	Limi	its	Qualifiers			
Mercury		ug/L		5	5.2	10	4 8	85-115		_		
MATRIX SPIKE & MATRIX SPII		ATE: 2407	120		2407121							
		, (I'L'. 2407	MS	MSD	2407121							
			-	-		MOD	MS	MSD	% Rec		N/	
	4	0245779001	Spike	Spike	MS	MSD	11/13	10130	70 Rec		Max	
Parameter	4 Units	0245779001 Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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.:	40246258
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···· · · · · · · · · · · · · · · · · ·					
QC Batch: 41806	51	Analysis Meth	nod: El	PA 6010D	
QC Batch Method: EPA 3	8010A	Analysis Des	cription: 60	10D MET	
		Laboratory:	Pa	ace Analytical Servi	ces - Green Bay
Associated Lab Samples:	40246258001	-			
METHOD BLANK: 240786	7	Matrix:	Water		
Associated Lab Samples:	40246258001				
		Blank	Reporting		
Parameter	Units	Result	Limit	Analyzed	Qualifiers
Arsenic	ug/L	<8.3	25.0	06/13/22 19:48	
Cadmium	ug/L	<1.3	5.0	06/13/22 19:48	
Chromium	ug/L	<2.5	10.0	06/13/22 19:48	
Copper	ug/L	<3.4	10.0	06/13/22 19:48	
Lead	ug/L	<5.9	20.0	06/13/22 19:48	
Nickel	ug/L	<2.6	10.0	06/13/22 19:48	

LABORATORY CONTROL SAMPLE: 2407868

Zinc

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	253	101	80-120	
Cadmium	ug/L	250	259	104	80-120	
Chromium	ug/L	250	255	102	80-120	
Copper	ug/L	250	255	102	80-120	
Lead	ug/L	250	262	105	80-120	
Nickel	ug/L	250	261	104	80-120	
Zinc	ug/L	250	264	106	80-120	

<11.6

40.0 06/13/22 19:48

ug/L

MATRIX SPIKE & MATRIX	SPIKE DUPLI	CATE: 2407			2407870							
Parameter	Units	40246246001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	<8.3	250	250	258	256	102	101	75-125	1	20	
Cadmium	ug/L	<1.3	250	250	261	260	104	104	75-125	0	20	
Chromium	ug/L	<2.5	250	250	255	258	101	102	75-125	1	20	
Copper	ug/L	13.3	250	250	271	268	103	102	75-125	1	20	
Lead	ug/L	<5.9	250	250	258	255	102	101	75-125	1	20	
Nickel	ug/L	6.0J	250	250	264	262	103	102	75-125	1	20	
Zinc	ug/L	17.6J	250	250	282	281	106	105	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.



Project: 581	17057 MAUTHE											
Pace Project No.: 402	46258											
QC Batch: 41	8917		Analy	/sis Metho	d: \$	SM 3500-C	rВ					
QC Batch Method: SI	И 3500-Cr В		Analy	/sis Descr	iption: C	Chromium,	Hexavalen	t by 3500				
			Labo	ratory:	F	Pace Analyt	ical Servic	es - Green	Bay			
Associated Lab Samples	402462580	01										
METHOD BLANK: 241	2352			Matrix: W	/ater							
Associated Lab Samples	402462580	01										
			Blar	nk	Reporting							
Parameter		Units	Res	ult	Limit	Analy	/zed	Qualifier	S			
i alameter												
Chromium, Hexavalent		mg/L	_ <	0.0073	0.024	4 06/21/2	2 13:25					
		mg/L	<	0.0073	0.024	4 06/21/2	2 13:25					
	DL SAMPLE: 2	mg/L 2412353	<	0.0073	0.024	4 06/21/2	2 13:25					
Chromium, Hexavalent	DL SAMPLE:	<u> </u>	Spike	0.0073		4 06/21/2 LCS	2 13:25 % R	ec				
Chromium, Hexavalent		<u> </u>		LC					Qualifiers			
Chromium, Hexavalent		2412353	Spike	LC Re	cs	LCS	% R Limi		Qualifiers			
Chromium, Hexavalent LABORATORY CONTRO Parameter		2412353 Units	Spike Conc.	LC Re	CS sult	LCS % Rec	% R Limi	its	Qualifiers			
Chromium, Hexavalent LABORATORY CONTRO Parameter		2412353 Units mg/L	Spike Conc. 0.	LC Re	CS sult	LCS % Rec	% R Limi	its	Qualifiers			
Chromium, Hexavalent LABORATORY CONTRO Parameter Chromium, Hexavalent		2412353 Units mg/L	Spike Conc. 0.	LC Re	CS sult	LCS % Rec	% R Limi	its	Qualifiers			
Chromium, Hexavalent LABORATORY CONTRO Parameter Chromium, Hexavalent MATRIX SPIKE & MATR	IX SPIKE DUPL	2412353 Units mg/L ICATE: 2412 40246467001	Spike Conc. 0. 383 MS Spike	LC Re 3 MSD Spike	2S sult 0.30 2412384 MS	LCS % Rec 99	% R Limi	its 90-110 MSD	% Rec	_	Мах	
Chromium, Hexavalent LABORATORY CONTRO Parameter Chromium, Hexavalent		2412353 Units mg/L .ICATE: 2412	Spike Conc. 0. 383 MS	LC Re 3 MSD	CS sult 0.30 2412384	LCS % Rec 9	% R 	its		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 MAUTH	E										
Pace Project No .:	40246258											
QC Batch:	418485		Anal	ysis Method	d: E	EPA 335.4						
QC Batch Method:	EPA 335.4		Anal	ysis Descrij	ption: 3	335.4 Cyan	ide, Total					
			Labo	oratory:		Pace Analy		es - Green	Bay			
Associated Lab Sam	nples: 402462580	001										
METHOD BLANK:	2410133			Matrix: W	ater							
Associated Lab Sam	ples: 402462580	001										
			Bla	nk l	Reporting							
Param	neter	Units	Res	ult	Limit	Anal	yzed	Qualifier	s			
Cyanide		mg/L	<	0.0069	0.023	3 06/16/2	2 13:11					
LABORATORY CON	ITROL SAMPLE:	2410134										
			Spike	LC	-	LCS	% Re					
Param	neter	Units	Conc.	Res	sult	% Rec	Limi	ts	Qualifiers	_		
Cyanide		mg/L	0	.1	0.093	9	3 9	90-110				
MATRIX SPIKE & M	ATRIX SPIKE DUPI	LICATE: 2410	135		2410136							
			MS	MSD								
		40246056002	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Cyanide	mg/L	<0.041	0.6	0.6	0.58	0.58	96	97	90-110	1	20	
MATRIX SPIKE & M		ICATE: 2410	137		2410138							
MATRIX SPIKE & M	ATRIX SPIKE DUPI	LICATE: 2410	137 MS	MSD	2410138							
MATRIX SPIKE & M	ATRIX SPIKE DUPI	LICATE: 2410	-	MSD Spike	2410138 MS	MSD	MS	MSD	% Rec		Max	
MATRIX SPIKE & M Parameter			MS	-			MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual

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



QUALIFIERS

Project: 58117057 MAUTHE

Pace Project No.: 40246258

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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



QUALITY CONTROL DATA CROSS REFERENCE TABLE

 Project:
 58117057 MAUTHE

 Pace Project No.:
 40246258

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40246258001	OUTFALL-001	EPA 3010A	418061	EPA 6010D	418140
40246258001	OUTFALL-001	EPA 7470	417965	EPA 7470	418014
40246258001	OUTFALL-001	SM 3500-Cr B	418917		
40246258001	OUTFALL-001	EPA 335.4	418485	EPA 335.4	418522

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Company Name:	Torracon			∕₽.			1				MN: 61	2-607-1	700	WI: 920-469-2436			-1
Branch/Location:	Franklin, Lu	II	1	1	ace	Ana	lytic	ar	,						402	462	58_
Project Contact:	Scott Hudgesu					www.pa	celabs.c	om	÷ 					Quote #:			
Phone:	414-209-7	640	1	С	HA	IN	OF	CI	JS.	ΤΟ	DY		÷.,	Mail To Contact:	\frown	A INF	
Project Number:	58117057		A=No		 CL [:] C=I	:		tion Code	<u>28</u>	-	ol G=Na	юн		Mail To Company:	$ \sum k $	+ME	-
Project Name:	Mauthe			dium Bisulfa				n Thiosulfa		Other				Mail To Address:		1	
Project State:	111T	· · · · · · · · · · · · · · · · · · ·	FILTE (YES		Y/N	N	N	11				T					
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Sampled By (Sign)	The grant of	<u>`</u>	(COI	DE)*	Letter	5:-	3							Invoice To Company:			
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PO #:		Program:			sent	2	図う							Invoice To Address:			
Data Package C (billable)	Deptions <u>MS/MSD</u> On your sample	A = Air	rix Codes W = Water		Req	53	12	ale.							^		
EPA Lev	vel III (billable)	B = Biota C = Charcoal O = Oil	DW = Drinki GW = Groun SW = Surfac	nd Water	/ses	200	び	14						Invoice To Phone:			
EPA Lev		S = Soil SI = Sludge	WW = Wast WP = Wipe		Analyses Reque	5, C	2	10	\mathbf{F}					CLIENT		MMENTS	Profile #
PACE LAB #	CLIENT FIELD ID	COLL	ECTION TIME	MATRIX		下や	Æ							COMMENTS	(Lab Us	se Only)	
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DC#_Title: ENV-FRM-GBAY-0035 v01_Sample Preservation Receipt Form Revision: 3 | Effective Date: | Issued by: Green Bay

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Qualtrax Document ID: 41307

Pace Analytical Services, LLC

DC#_Title: ENV-FRM-GBAY-0014 v02_SCUR Revision: 3 | Effective Date: | Issued by: Green Bay

Cample	Condition Upon Receipt For	
Client Name: Terracon	Project #:	WO#:40246258
Courier: CS Logistics Fed Ex Spee	edee 🔲 UPS 🔲 Waltco	
Client XPace Other:		
Tracking #:		40246258
Custody Seal on Cooler/Box Present:yes	Kgo Seals intact: ☐ yes ☐ no	
Custody Seal on Samples Present: 🔲 yes		
Packing Material: 🔲 Bubble Wrap 🔲 Bu	bble Bags Kone [] Other _	
Thermometer Used <u>SR - 10</u>	Type of Ice: Wet Blue Dry None	Samples on ice, cooling process has begun Person examining contents:
Cooler Temperature Uncorr: 0/ /Corr:		
Temp Blank Present: 🔲 yes 🕅 no	Biological Tissue is Frozen:	□ yes□ no Date: <u>0/1/224nitials:</u>
Temp should be above freezing to 6°C. Biota Samples may be received at ≤ 0°C if shipped on	Dry Ice.	Labeled By Initials: mH
Chain of Custody Present:	Xes DNo DN/A 1.	
Chain of Custody Filled Out:	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	lect from
Chain of Custody Relinquished:	Yes No N/A 3.	
Sampler Name & Signature on COC:	¥Yes □No □N/A 4.	
Samples Arrived within Hold Time:	¥Yes □No 5.	
- VOA Samples frozen upon receipt	□Yes □No Date/Time:	
Short Hold Time Analysis (<72hr):	DYes 🔊 6.	
Rush Turn Around Time Requested:	□Yes XNo 7.	
Sufficient Volume:	8.	
For Analysis: 🗡 🖘 MS/MS		
Correct Containers Used:	Yes 🗆 No 9.	
-Pace Containers Used:		
-Pace IR Containers Used:		
Containers Intact:	Xes □No 10.	
Filtered volume received for Dissolved tests	□Yes □No 🍂 11.	
Sample Labels match COC:	Yes □No □N/A 12.	
-Includes date/time/ID/Analysis Matrix:		
Trip Blank Present:	□Yes □No XN/A 13.	
Trip Blank Custody Seals Present		
Pace Trip Blank Lot # (if purchased):		· · · · · · · · · · · · · · · · · · ·
Client Notification/ Resolution:		f checked, see attached form for additional comments
Person Contacted:	Date/Time:	

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

Page_2of_2

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Pace Analytical Services, LLC